



Human Estrogen Signaling Primer Library

Catalog No: HESR-1
Supplier: RealTimePrimers
Lot No: XXXXX
Supplied as: solid
Stability: store at -20°C

Description

Contains 88 primer sets directed against estrogen signaling genes and 8 housekeeping gene primer sets. Provided in a 96-well microplate (20 ul - 10 uM). Perform up to 100 PCR arrays (based on 20 ul assay volume per reaction). Just add cDNA template and SYBR green master mix.

Gene List:

- ADCYAP1 adenylate cyclase activating polypeptide 1 (pituitary)
- BCAR1 breast cancer anti-estrogen resistance 1
- BCAR3 breast cancer anti-estrogen resistance 3
- CARM1 coactivator-associated arginine methyltransferase 1
- CEBPB CCAAT/enhancer binding protein (C/EBP), beta
- CYP19A1 cytochrome P450, family 19, subfamily A, polypeptide 1
- CYP11B1 cytochrome P450, family 1, subfamily B, polypeptide 1
- DDX54 DEAD (Asp-Glu-Ala-Asp) box polypeptide 54
- EBAG9 estrogen receptor binding site associated, antigen, 9
- EGF epidermal growth factor
- ERG v-ets erythroblastosis virus E26 oncogene homolog (avian)
- ESR1 estrogen receptor 1
- ESR2 estrogen receptor 2 (ER beta)
- ESRRRA estrogen-related receptor alpha
- ESRRG estrogen-related receptor gamma
- FGF2 fibroblast growth factor 2 (basic)
- FOXO1 forkhead box O1
- FSHB follicle stimulating hormone, beta polypeptide
- FSHR follicle stimulating hormone receptor
- GABARAPL1 GABA(A) receptor-associated protein like 1
- GHRH growth hormone releasing hormone
- GNL3 guanine nucleotide binding protein-like 3 (nucleolar)
- GNRH1 gonadotropin-releasing hormone 1 (luteinizing- releasing hormone)
- HMGA1 high mobility group AT-hook 1
- HMGB1 high mobility group box 1
- HMGB2 high mobility group box 2
- HSD17B2 hydroxysteroid (17-beta) dehydrogenase 2
- HSD17B8 hydroxysteroid (17-beta) dehydrogenase 8
- HSPB8 heat shock 22kDa protein 8
- IGF1 insulin-like growth factor 1 (somatomedin C)
- IL1A interleukin 1, alpha
- IL1B interleukin 1, beta
- INHA inhibin, alpha
- ISG20 interferon stimulated exonuclease gene 20kDa
- LHCGR luteinizing hormone/choriogonadotropin receptor
- TSKU tsukushi small leucine rich proteoglycan homolog (Xenopus laevis)
- MKNK2 MAP kinase interacting serine/threonine kinase 2
- MPG N-methylpurine-DNA glycosylase
- MTA1 metastasis associated 1
- NCOA1 nuclear receptor coactivator 1
- NCOA3 nuclear receptor coactivator 3
- NCOA5 nuclear receptor coactivator 5
- NCOA6 nuclear receptor coactivator 6
- NCOA7 nuclear receptor coactivator 7
- NFATC4 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4
- NFKB1 nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
- NR0B2 nuclear receptor subfamily 0, group B, member 2
- NR1B3 nuclear receptor subfamily 1, group 1, member 3
- NR2C2 nuclear receptor subfamily 2, group C, member 2
- NR6A1 nuclear receptor subfamily 6, group A, member 1
- NRG1 neuregulin 1
- NRIP1 nuclear receptor interacting protein 1



- OVGP1 oviductal glycoprotein 1, 120kDa
- PELP1 proline, glutamate and leucine rich protein 1
- PGR progesterone receptor
- PHB2 prohibitin 2
- PLG plasminogen
- POU4F1 POU class 4 homeobox 1
- PPARA peroxisome proliferator-activated receptor alpha
- PPARGC1A peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
- PPARGC1B peroxisome proliferator-activated receptor gamma, coactivator 1 beta
- PPID peptidylprolyl isomerase D
- RERG RAS-like, estrogen-regulated, growth inhibitor
- RLN1 relaxin 1
- SAFB scaffold attachment factor B
- SAFB2 scaffold attachment factor B2
- SRD5A2 steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5-alpha-steroid delta 4-dehydrogenase alpha 2)
- SREBF1 sterol regulatory element binding transcription factor 1
- STS In multiple Geneids
- SULT1E1 sulfotransferase family 1E, estrogen-preferring, member 1
- TAF10 TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30kDa
- TCF7 transcription factor 7 (T-cell specific, HMG-box)
- TFF1 trefoil factor 1
- TNF tumor necrosis factor
- TRIM16 tripartite motif containing 16
- TRIM25 tripartite motif containing 25
- UGT1A8 UDP glucuronosyltransferase 1 family, polypeptide A8
- UGT1A3 UDP glucuronosyltransferase 1 family, polypeptide A3
- UGT1A4 UDP glucuronosyltransferase 1 family, polypeptide A4
- UGT2A1 UDP glucuronosyltransferase 2 family, polypeptide A1, complex locus
- UGT2B15 UDP glucuronosyltransferase 2 family, polypeptide B15
- UGT2B4 UDP glucuronosyltransferase 2 family, polypeptide B4
- UGT2B7 UDP glucuronosyltransferase 2 family, polypeptide B7
- NR0B1 nuclear receptor subfamily 0, group B, member 1
- GNRH2 gonadotropin-releasing hormone 2
- NRG3 neuregulin 3
- NRG4 neuregulin 4
- AR androgen receptor
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPDH Glyceraldehyde-3-phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK1 Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.