



Rat Autophagy Primer Library

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

Description

Contains 88 primer sets directed against autophagy genes and 8 housekeeping genes. 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:

- Akt1s1 AKT1 substrate 1 (praline-rich)
- Ambra1 Autophagy/beclin 1 regulator 1
- Apol8 Apolipoprotein L 8
- Arnt Aryl hydrocarbon receptor nuclear translocator
- Atf4 Activating transcription factor 4
- Atg10 Autophagy-related 10
- Atg12 Autophagy-related 12
- Atg16L1 Autophagy-related 16-like 1
- Atg16L2 Autophagy related 16 like 2
- Atg2A ATG2 autophagy related 2 homolog A
- Atg2B ATG2 autophagy related 2 homolog B
- Atg3 Autophagy-related 3
- Atg4A Autophagy-related 4A
- Atg4B Autophagy-related 4B
- Atg4C Autophagy-related 4C
- Atg4D Autophagy-related 4D
- Atg5 Autophagy-related 5
- Atg7 Autophagy-related 7
- Atg9A Autophagy-related 9A
- Atg9B ATG9 autophagy related 9 homolog B
- Barkor Barkor
- Bax Bcl2-associated X protein
- Bcl2 B-cell leukemia/lymphoma 2
- Bcl2L1 Bcl2-like 1
- Becn1 Beclin1
- Birc5 Baculoviral IAP repeat-containing 5
- Bnip3 BCL2/adenovirus E1B interacting protein 1, NIP3
- Bnip3l BCL2/adenovirus E1B interacting protein 3-like
- Ddit3 DNA-damage inducible transcript 3
- Dram Damage regulated autophagy modulator
- Eif4ebp1 Eukaryotic translation initiation factor 4E binding protein 1
- Eif4g1 Eukaryotic translation initiation factor 4, gamma 1
- Eif4ebp2 Eukaryotic translation initiation factor 4E binding protein 2
- Eps15L1 Epidermal growth factor receptor pathway substrate 15-like 1
- Fkbp12 FK506 binding protein a1a (Frap1)
- Fkbp15 FK506 binding protein 15
- Frs2 Fibroblast growth factor receptor substrate 2
- Frs3 Fibroblast growth factor receptor substrate 3
- Gabarap Gamma-aminobutyric acid receptor associated protein
- Gabarapl1 Gamma-aminobutyric acid receptor-associated protein-like 1
- Gabarapl2 Gamma-aminobutyric acid receptor-associated protein-like 2
- Gbl G protein beta subunit-like
- Gfi1b Growth factor independent 1B
- Gnai3 Guanine nucleotide binding protein, alpha inhibiting 3
- Gpsm1 G-protein signalling modulator 1
- Gpsm2 G-protein signalling modulator 2
- Gpsm3 G-protein signalling modulator 3
- Hif1a Hypoxia-inducible factor 1
- Hspa5 Heat shock protein 5
- Lamp1 Lysosomal-associated membrane protein 1
- Lamp2 Lysosomal-associated membrane protein 2
- Lamp3 Lysosomal-associated membrane protein 3
- Letm1 Leucine zipper-EF-hand containing transmembrane protein 1
- Letm2 Leucine zipper-EF-hand containing transmembrane protein 2
- Map1LC3A Microtubule-associated protein 1 light chain 3 alpha
- Map1LC3B Microtubule-associated protein 1 light chain 3 beta
- Mcl1 Myeloid cell leukemia sequence 1
- Pik3c3 Phosphoinositide-3-kinase, class 3



- Pik3r4 Phosphatidylinositol 3 kinase, regulatory subunit, polypeptide 4, p150
- Ppm1k Protein phosphatase 1K (PP2C domain containing)
- Raptor Regulatory associated protein of MTOR
- Rasd1 RAS, dexamethasone-induced 1
- Rb1cc1 RB1-inducible coiled-coil 1
- Rgs19 Regulator of G protein signaling 19
- Rictor Rapamycin-insensitive companion of MTOR
- Sec16A SEC16 homolog A
- Sec16B SEC16 homolog B
- Sec23A SEC23A
- Sec23B SEC23B
- Sec24A SEC24 related gene family, member A
- Sec24b SEC24 related gene family, member B
- Sec24c SEC24 related gene family, member C
- Sec24d SEC24 related gene family, member D
- Sh3glb1 SH3-domain GRB2-like B1 (endophilin)
- Sh3glb2 SH3-domain GRB2-like endophilin B2
- Snx30 Sorting nexin family member 30
- Sqstm1 Sequestosome 1
- Tpr Translocated promoter region
- Trp53 Transformation related protein 53
- Trp73 Transformation related protein 73
- Ulk1 Unc-51 like kinase 1
- Ulk2 Unc-51 like kinase 2
- Ulk3 Unc-51-like kinase 3
- Ulk4 Unc-51-like kinase 4
- Uvrag UV radiation resistance associated gene
- Wdr45l Wdr45 like
- Wipi1 WD repeat domain, phosphoinositide interacting 1
- Wipi2 WD repeat domain, phosphoinositide interacting 2
- Actb Actin, beta
- B2m Beta-2-microglobulin
- Gapd Glyceraldehyde phosphate dehydrogenase
- Gusb Glucuronidase, beta
- Hpirt1 Hypoxanthine phosphoribosyltransferase 1
- Pgk1 Phosphoglycerate kinase 1
- Ppia Peptidylprolyl isomerase A
- Rpl13a Ribosomal protein L13a

Usage

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