



Vitamin D-binding Protein, Recombinant, Human, aa19-474, His-SUMOSTAR-tag (GC)

Catalog number

406064

Supplier

United States Biological

Involved in vitamin D transport and storage, scavenging of extracellular G-actin, enhancement of the chemotactic activity of C5 alpha for neutrophils in inflammation and macrophage activation.

Source

Recombinant protein corresponding to aa19-474 from Human Vitamin D-binding Protein, fused to His-SUMOSTAR-tag at N-terminal, expressed in Yeast.

Molecular Weight

~67.0kD

AA Sequence

RGRDYEKNKVCKEFSLGKEDFTSLSLVLYSRKFPSGTFEQVSQLVKEVSLTEACCAEGADPDCYDTRTSALS
CESNSPPFVHPGTAECCTKEGLERKLCMAALKHQPFPTYVEPTNDEICEAFRDKPKEYANQFMWEYSTNYGQAP
LSLLVSYTKSYLSMVGSCCTSASPTVCFLKERLQKHLSTLTLNVRVCSQYAAAYGEKKSRLSNLIKLAQKVPTADLED
VLPLAEDITNILSKCCESASEDCMAKELPEHTVKLCDNLSTKNSKFEDCCQEKAMDFVCTYFMPAAQLPELPDVEL
PTNKDVCDPGNTKVMKYTFELSRRLPEVFLSKVLEPTLKSLGECDDVEDSTTCFNAKGPLLKELSSFIDKQEL
CADYSENTFTHEYKKLAERLAKLPDATPELAKLVNKHSDFASNCCSINSPPLYCDSEIDAELKNIL

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 6 months after receipt at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Supplied as a liquid in Tris-HCl, pH 8.0, 1mM EDTA, 50% glycerol.

Purity

≥90% (SDS-PAGE)

Grade

Purified

Storage

-20°C

MW

67



Antigen Modification

Recombinant, Yeast

Reference

1. Serum vitamin D-binding protein is a third member of the albumin and alpha fetoprotein gene family." Cooke N.E., David E.V. J. Clin. Invest. 76:2420-2424(1985).