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32-2359: GGPS1 Recombinant Protein

Alternative Name : GGPPS,GGPPS1,GGPP synthetase.

Description

Source : Escherichia Coli. GGPS1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 320 amino acids (1-300 a.a.) and having a molecular mass of 37 kDa. The GGPS1 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. GGPS1 is PART of the prenyltransferase family. GGPS1 is widely expressed in testis, heart and skeletal muscle, GGPS1 is localized in the cytoplasm and catalyzes the formation of geranylgeranyl pyrophosphate, a precursor of geranylgeranylated proteins and carotenoids. GGPS1 is a significant enzyme that is responsible for the C20-prenylation of proteins and for the regulation of a nuclear hormone receptor.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	GGPS1 Human recombinant (1mg/ml) protein solution contains 20mM Tris pH-8, 1mM DTT & 10% glycerol.
Storage condition :	GPPS1 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MEKTQETVQR ILLEPYKYLL QLPGKQVRTK LSQAFNHWLK VPEDKLQIII EVTEMLHNAS LLIDDIEDNS KLRRGFPVAH SIYGIPSVIN SANYVYFLGL EKVLTLDHPD AVKLFTRQLL ELHQGQGLDI YWRDNYTCPT EEEYKAMVLQ KTGGLFGLAV GLMQLFSDYK EDLKPLLNTL GLFFQIRDDY ANLHSKEYSE NKSFCEDLTE GKFSFPTIHA IWSRPESTQV QNILRQRTEN IDIKKYCVHY LEDVGSFEYT RNTLKELEAK AYKQIDARGG NPELVALVKH LSKMFKEENE.

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