

## GGPS1 Human

**Description:** 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.

**Catalog #:** ENPS-562

For research use only.

**Synonyms:** GGPPS, GGPPS1, GGPP synthetase.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MEKTQETVQR ILLEPYKYL  
QLPGKQVRTK LSQAFNHWLK VPEDKLQIII EVTEMLHNAS LLIDDIEDNS KLRRGFPVAH  
SIYGIPSVIN SANYVYFLGL EKVLTDHPD AVKLFTRQLL ELHQGGGLDI YWRDNYTCPT  
EEEEKAMVLQ KTGGLFGLAV GLMQLFSDYK EDLKPLLNTL GLFFQIRDDY ANLHSKEYSE  
NKSFCEDLTE GK

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

GGPS1 Human recombinant (1mg/ml) protein solution contains 20mM Tris pH-8, 1mM DTT & 10% glycerol.

**Stability:**

GGPS1 Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

**Usage:**

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

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.

**To place an order, please [Click HERE](#).**