

32-7207: Recombinant Human Geranylgeranyl Pyrophosphate Synthase/GGPS1 (N-6His)

Gene : GGPS1
Gene ID : 9453
Uniprot ID : O95749

Description

Source: E.coli.
MW :37kD.

Recombinant Human Geranylgeranyl Pyrophosphate Synthase is produced by our E.coli expression system and the target gene encoding Met1-Glu300 is expressed with a 6His tag at the N-terminus. Geranylgeranyl pyrophosphate synthase (GGPS1) is a member of the FPP/GGPP synthase family. GGPS1 is highly expressed in testis, heart and skeletal muscle. GGPS1 is localized in the cytoplasm and has geranylgeranyl diphosphate (GGPP) synthase activity. It catalyzes the trans-addition of the three molecules of IPP onto DMAPP to form geranylgeranyl pyrophosphate, an important precursor of carotenoids and geranylated proteins. Other transcriptional splice variants have been found.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0 .
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHSSGLVPRGSHMEKTQETVQRILLEPYKYLQLPGKQVRTKLSQAFNHWLKVPEDKLIIEVTE
MLHNASLLIDDIEDNSKLRRGFPVAHSIYGIPSVINSANYVYFLGLEKVLTDHPDAVKLFTRQLELHQGGGLDI
YWRDNYTCPTEEYKAMVLQKTGGFLGLAVGLMQLFSDYKEDLKPLLNTLGLFFQIRDDYANLHKEYSENKSF
CEDLTEGKFSFPTIHAIWSRPESTQVQNILRQRTEIDIKKYCVHYLEDVGSFEYTRNTLKELEAKAYKQIDARGG
NPELVALVKHLSKMFKEENE

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.