Recombinant Human PGS1 protein, GST-tagged

Cat. No. PGS1-30110H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGS1 (200-549 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu200-Phe549
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	LIPERFNETIGLQHIKVYLFDNSVILSGANLSDSYFTNRQDRYVFLQDCAEIADFFTEL VDAVGDVSLQLQGDDTVQVVDGMVHPYKGDRAEYCKAANKRVMDVINSARTRQQ MLHAQTFHSNSLLTQEDAAAAGDRRPAPDTWIYPLIQMKPFEIQIDEIVTETLLTEAER GAKVYLTTGYFNLTQAYMDLVLGTRAEYQILLASPEVNGFFGAKGVAGAIPAAYVHIE RQFFSEVCSLGQQERVQLQEYWRRGWTFHAKGLWLYLAGSSLPCLTLIGSPNFGY RSVHRDLEAQIAIVTENQALQQQLHQEQEQLYLRSGVVSSATFEQPSRQVKLWVKM VTPLIKNFF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

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Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PGS1 phosphatidylglycerophosphate synthase 1 [Homo sapiens]
Official Symbol	PGS1
Synonyms	PGS1; phosphatidylglycerophosphate synthase 1; CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase, mitochondrial; DKFZP762M186; PGP synthase 1; MGC131960; DKFZp762M186;
Gene ID	9489
mRNA Refseq	NM_024419
Protein Refseq	NP_077733
MIM	614942
UniProt ID	Q32NB8

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