



Recombinant Human CDP-diacylglycerol-- glycerol-3-phosphate 3-phosphatidyltransferase, mitochondrial (PGS1)

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|--------------------------|---|
| Product Code | CSB-MP653479HU |
| Abbreviation | PGS1 |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q32NB8 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | AL LGRLSDRLGR NRDRQRRRSP WLLLAPLLSP AVPQVTSPPC CLCPEGVHRF QWIRNLVPEF GVSSSHVRVL SSPAEFFELM KGQIRVAKRR VVMASLYLGT GPLEQELVDC LESTLEKSLQ AKFPSNLKVS ILLDFTRGSR GRKNSRTMLL PLLRRFPEQV RVSLFHTPHL RGLLRLLIPE RFNETIGLQH IKVYLFDNSV ILSGANLSDS YFTNRQDRYV FLQDCAEIID FTELVDVAVG DVSLQLQGDD TVQVVDGMVH PYKGDRAEYC KAANKRVMDV INSARTRQQM LHAQTFHSNS LLTQEDAAAA GDRRPAPDTW IYPLIQMKPF EIQIDEIVTE TLLTEAERGA KVYLTTGYFN LTQAYMDLVL GTRAEYQILL ASPEVNGFFG AKGVAGAIPA AYVHIERQFF SEVCSLGQQE RVQLQEYWRR GWTFHAKGLW LYLAGSSLPC LTLIGSPNFG YRSVHRDLEA QIAIVTENQA LQQQLHQEQE QLYLRSGVVS SATFEQPSRQ VKLWVKMVTP LIKNFF |
| Source | Mammalian cell |
| Target Names | PGS1 |
| Protein Names | Recommended name: CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase, mitochondrial EC= 2.7.8.5 Alternative name(s): Phosphatidylglycerophosphate synthase 1 Short name= PGP synthase 1 |
| Expression Region | 29-556 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final |



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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