



Recombinant Human COP9 signalosome complex subunit 1 (GPS1)

Product Code	CSB-EP615663HU
Abbreviation	GPS1
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.	Q13098
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	PLPVQVFNL QGAVEPMQID VDPQEDPQNA PDVNYVVENP SLDLEQYAAS YSGLMRIERL QFIADHCPTL RVEALKMALS FVQRTFNVDM YEEIHRKLSE ATRSSLRELQ NAPDAIPESG VEPPALDTAW VEATRKKALL KLEKLDTDLK NYKGNSIKES IRRGHDDLGD HYLDCGDLSN ALKCYSRARD YCTSAKHVIN MCLNVIKVSV YLQNWSHVLV YVSKAESTPE IAEQRGERDS QTQAILTKLK CAAGLAELAA RKYKQAAKCL LLASFDHCDF PELLSPSNVA IYGGLCALAT FDRQELQRNV ISSSSFKLFL ELEPQVRDII FKFYESKYAS CLKMLDEMKD NLLLDMYLAP HVRTLYTQIR NRALIQYFSP YVSADMHRMA AAFNTTVAAL EDELTLILE GLISARVDSH SKILYARDVD QRSTTFEKS LMGKEFQRRR KAMMLRAAVL RNQIHVKSP REGSQGELTP ANSQSRMSTN M
Source	E.coli
Target Names	GPS1
Protein Names	Recommended name: COP9 signalosome complex subunit 1 Short name= SGN1 Short name= Signalosome subunit 1 Alternative name(s): G protein pathway suppressor 1 Short name= GPS-1 JAB1-containing signalosome subunit 1 Protei
Expression Region	2-491
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
Target Details	This gene is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. The encoded protein shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene.



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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