



Recombinant Human Translation initiation factor eIF-2B subunit gamma (EIF2B3)

Product Code	CSB-MP873631HU
Abbreviation	EIF2B3
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.	Q9NR50
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEFQAVVMAV GGGSRMTDLT SSIPKPLLVP GNKPLIWYPL NLLERVGFEF VIVVTRDVQ KALCAEFKMK MKPDIVCIPD DADMGTADSL RYIYPKLKTD VLVLSCDLIT DVALHEVVDL FRAYDASLAM LMRKGQDSIE PVPGQKGKKK AVEQRDFIGV DSTGKRLLFM ANEADLDEEL VIKGSILQKH PRIRFHTGLV DAHLYCLKKY IVDFLMENGs ITSIRSELIP YLVRKQFSSA SSQQGQEEKE EDLKKKELKS LDIYSFIKEA NTLNLAPYDA CWNACRGDRW EDLSRSQVRC YVHIMKEGLC SRVSTLGLYM EANRQVPKLL SALCPEEPPV HSSAQIVSKH LVGVDSLIGP ETQIGEKSSI KRSVIGSSCL IKDRVITITNC LLMNSVTVEE GSNIQGSVIC NNAVIEKGAD IKDCLIGSGQ RIEAKAKRVN EVIVGNDQLM EI
Source	Mammalian cell
Target Names	EIF2B3
Protein Names	Recommended name: Translation initiation factor eIF-2B subunit gamma Alternative name(s): eIF-2B GDP-GTP exchange factor subunit gamma
Expression Region	1-452
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 protein
Target Details	This protein is one of the subunits of initiation factor eIF2B, which catalyzes the exchange of eukaryotic initiation factor 2-bound GDP for GTP. It has also been found to function as a cofactor of hepatitis C virus internal ribosome entry site-mediated translation. Mutations in this gene have been associated with leukodystrophy with vanishing white matter. 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

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.