

Product datasheet for TP323570M

EIF2B3 (NM_020365) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human eukaryotic translation initiation factor 2B, subunit 3 gamma, 58kDa (EIF2B3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223570 representing NM_020365 Red =Cloning site Green =Tags(s)
	MEFQAVVMAVGGGSRMTDLTSSIPKPLLPVGNKPLIWYPLNLLERVGFEEVIVTTRDVQKALCAEFKMK MKPDIVCIPDDADMGTADSLRYIYPKLTQDVLVLSCDLITDVALHEVWDLFRAYDASLAMLMRKGQDSIE PVPGQKGGKKAVEQRDFIGVDSTGKRLLFMANEADLDEELVIKGSILQKHPRIRFHTGLVDAHLYCLKKY IVDFLMENGSIIRSSELIPYLVRKQFSSASSQQGQEEKEEDLKKKELKSLDIYSFIKEANTLNLAPYDA CWNACRGDRWEDLSRSQVRCYVHIMKEGLCSRSTLGLYMEANRQVPKLLSALCPEEPPVHSSAQIVSKH LVGVDLIGPETQIGEKSSIKRSVIGSSCLIKDRVTITNCLLMNSVTVEEGSNIQGSVICNNAVIEKGAD IKDCLIGSGQRIEAKAKRVNEVIVGNDQLMEI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	50.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_065098](#)

Locus ID: 8891

UniProt ID: [Q9NR50](#), [Q9HA31](#)

RefSeq Size: 1602

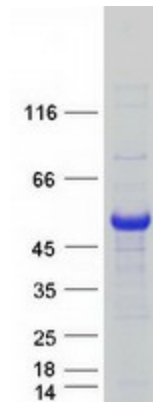
Cytogenetics: 1p34.1

RefSeq ORF: 1356

Synonyms: EIF-2B; EIF2Bgamma

Summary: The protein encoded by this gene 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. [provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified EIF2B3 protein (Cat# [TP323570]). The protein was produced from HEK293T cells transfected with EIF2B3 cDNA clone (Cat# [RC223570]) using MegaTran 2.0 (Cat# [TT210002]).