

Recombinant Human EIF2B3 Protein, GST-tagged

Cat. No. EIF2B3-3157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF2B3 full-length ORF (NP_065098.1, 1 a.a. - 452 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	76.6 kDa
AA Sequence	MEFQAVVMAVGGGSRMTDLTSSIPKLLPVGNKPLIWYPLNLLERVGFEEVIVVTTR DVQKALCAEFKMKMKPDIVCIPDDADMGADSLRYIYPKLKTDVLVLSCDLITDVALH EVVDLFRAYDASLAMLMRKGQDSIEPVPQGKGKKKAVEQRDFIGVDSTGKRLLFMA NEADLDEELVIKGSILQKHPRIRFHTGLVDAHLYCLKKYIVDFLMENGSIIRSSELIPY LVRKQFSSASSQQGQEEKEEDLKKKELKSLDIYSFIKEANTLNLAPYDACWNACRGD RWEDLSRSQVRCYVHIMKEGLCSRSTLGLYMEANRQVPKLLSALCPEEPPVHSSA QIVSKHLVGVDSLIGPETQIGEKSSIKRSVIGSSCLIKDRVTITNCLLMNSVTVEEGSNI

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QGSVICNNAVIEKGADIKDCLIGSGQRIEAKAKRVNEVIVGNDQLMEI

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EIF2B3 eukaryotic translation initiation factor 2B, subunit 3 gamma, 58kDa [Homo sapiens]

Official Symbol

EIF2B3

Synonyms

EIF2B3; eukaryotic translation initiation factor 2B, subunit 3 gamma, 58kDa; eukaryotic translation initiation factor 2B, subunit 3 (gamma, 58kD); translation initiation factor eIF-2B subunit gamma; EIF 2B; EIF2Bgamma; eIF-2B GDP-GTP exchange factor subunit gamma; EIF-2B;

Gene ID

8891

mRNA Refseq

NM_001166588

Protein Refseq

NP_001160060

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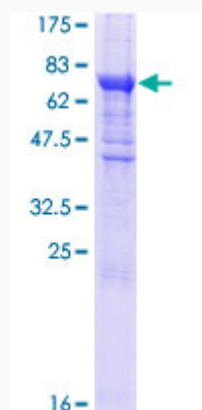
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MIM 606273

UniProt ID Q9NR50

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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