

Recombinant Full Length Human EIF2B3 Protein, GST-tagged

Cat. No. EIF2B3-4491HF **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	In Vitro Cell Free System
ProteinLength	452 amino acids
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	MEFQAVVMAVGGGSRMTDLTSSIPKPLLPVGNKPLIWYPLNLLERVGFEEVIVVTTR DVQKALCAEFKMKMKPDIVCIPDDADMGADSLRYIYPKLKTDVVLVSCDLITDVALH EVVDLFRAYDASLAMLMRKGQDSIEPVPQGQKGKKKAVEQRDFIGVDSTGKRLLFMA NEADLDEELVIKGSILQKHPRIRFHTGLVDAHLYCLKKYIVDFLMENGSISSIRSELIPY LVRKQFSSASSQQGQEEKEEDLKKKELKSLDIYSFIKEANTLNLAPYDACWNACRGD RWEDLSRSQVRCYVHIMKEGLCSRSTLGLYMEANRQVPKLLSALCPEEPPVHSSA

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QIVSKHLVGVDSLIGPETQIGEKSSIKRSVIGSSCLIKDRVITITNCLLMNSVTVEEGSNI
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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MIM	606273
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UniProt ID	Q9NR50
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