

Recombinant Human EIF2B3 Protein, His-tagged

Cat. No. EIF2B3-333H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF2B3, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	46.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	EIF2B3 eukaryotic translation initiation factor 2B, subunit 3 gamma, 58kDa [Homo
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	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
MIM	606273
UniProt ID	Q9NR50

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