

Recombinant Human EIF2B4 Protein, GST-tagged

Cat. No. EIF2B4-3158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF2B4 partial ORF (NP_056451, 433 a.a. - 522 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Eukaryotic initiation factor 2B (EIF2B), which is necessary for protein synthesis, is a GTP exchange factor composed of five different subunits. The protein encoded by this gene is the fourth, or delta, subunit. Defects in this gene are a cause of leukoencephalopathy with vanishing white matter (VWM) and ovarioleukodystrophy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	35.64 kDa
AA Sequence	VLVCCETYKFCERVQTDADFVSNELDDPDDLQCKRGEHVALANWQNHASLRLNLVY DVTPPELVDLVITELGMIPCSSVPVVLRVKSSDQ
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 EIF2B4 eukaryotic translation initiation factor 2B subunit delta [Homo sapiens (human)]

Official Symbol EIF2B4

Synonyms EIF2B4; eukaryotic translation initiation factor 2B subunit delta; Eukaryotic Translation Initiation Factor 2B Subunit Delta; Eukaryotic Translation Initiation Factor 2B, Subunit 4 Delta, 67kDa; EIF-2B GDP-GTP Exchange Factor Subunit Delta; Eukaryotic Translation Initiation Factor 2B, Subunit 4 (Delta, 67kD); Eukaryotic Translation Initiation Factor 2B Subunit 4 Delta; Translation Initiation Factor EIF-2B Subunit Delta; Translation Initiation Factor EIF-2b Delta Subunit; EIF2Bdelta; EIF-2B; EIF2BD; EIF2B; translation initiation factor eIF-2B subunit delta; eIF-2B GDP-GTP exchange factor subunit delta; eukaryotic translation initiation factor 2B subunit 4 delta; eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa; translation initiation factor eIF-2b delta subunit

Gene ID 8890

mRNA Refseq NM_001034116

Protein Refseq NP_001029288

MIM 606687

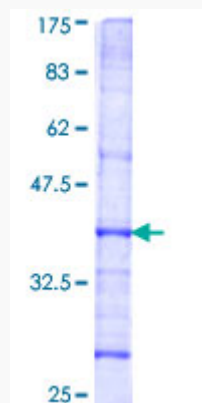
UniProt ID Q9UI10

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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