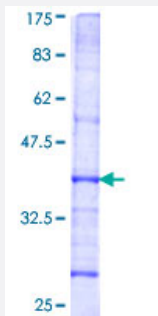


EIF2B4 (Human) Recombinant Protein (Q01)

Catalog # H00008890-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EIF2B4 partial ORF (NP_056451, 433 a.a. - 522 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VLVCCETYKFCERVQTDAFVSNELDDPDDLQCKRGEHVALANWQNHASLRLNLVYDVTPELV DLVITELGMIPCSSVPVVLRVKSSDQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Interspecies Antigen Sequence	Mouse (95); Rat (94)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — EIF2B4

Entrez GeneID [8890](#)

GeneBank Accession# [NM_015636](#)

Protein Accession# [NP_056451](#)

Gene Name EIF2B4

Gene Alias DKFZp586J0119, EIF-2B, EIF2B, EIF2Bdelta

Gene Description eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa

Omim ID [603896](#) [606687](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations eIF-2B GDP-GTP exchange factor subunit delta|eukaryotic translation initiation factor 2B, subunit 4 delta|translation initiation factor eIF-2b delta subunit

Disease

- [Brain Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)

- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)