

Recombinant Mouse Eif2b2 Protein, His-tagged

Cat. No. Eif2b2-1415M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Eif2b2 Protein (Ser103-Leu351) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser103-Leu351
Description	This gene encodes the beta subunit of eukaryotic initiation factor-2B (EIF2B). EIF2B is involved in protein synthesis and exchanges GDP and GTP for its activation and deactivation. Mutations in the human gene are associated with ovarioleukodystrophy and leukoencephalopathy with vanishing white matter.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.1 kDa Accurate Molecular Mass: 31 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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

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

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Eif2b2 eukaryotic translation initiation factor 2B, subunit 2 beta [*Mus musculus* (house mouse)]

Official Symbol

Eif2b2

Synonyms

EIF2B2; eukaryotic translation initiation factor 2B, subunit 2 beta; translation initiation factor eIF-2B subunit beta; eIF-2B GDP-GTP exchange factor subunit beta; EIF2B; C85417; AA409345; EIF-2Bbeta;

Gene ID

217715

mRNA Refseq

NM_145445

Protein Refseq

NP_663420

UniProt ID

Q99LD9

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