

Recombinant Human EIF2B2 Protein, His-tagged

Cat. No. EIF2B2-1416H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF2B2 Protein (Glu145-Asn327) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu145-Asn327
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.7 kDa Accurate Molecular Mass: 24 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 48h, and no obvious degradation and precipitation were observed. The loss rate is

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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, 39kDa [Homo sapiens (human)]

Official Symbol

EIF2B2

Synonyms

EIF2B2; eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa; eukaryotic translation initiation factor 2B, subunit 2 (beta, 39kD); translation initiation factor eIF-2B subunit beta; EIF 2Bbeta; EIF2B; S20I15; S20III15; eIF-2B GDP-GTP exchange factor subunit beta; EIF-2Bbeta;

Gene ID

8892

mRNA Refseq

NM_014239

Protein Refseq

NP_055054

MIM

606454

UniProt ID

P49770

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