

Recombinant Human EIF2B1 protein, GST-tagged

Cat. No. EIF2B1-4443H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF2B1 protein(Q14232)(1-305aa), fused to N-terminal GST tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-305aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	60.7 kDa
AA Sequence	<p>MDDKELIEYFKSQMKEDPDMASAVAAIRTLLEFLKRDKGETIQGLRANLTSAIETLCG</p> <p>VDSSVAVSSGGELFLRFISLASLEYSKCKKIMIERGELFLRRISLSRNKIADLCHT</p> <p>FIKDGATILTHAYSRVVLRVLEAAVAACKRFSVYVTESQPDLSGKKMAKALCHLNVPV</p> <p>TVVLDAAVGYIMEKADLVIVGAEGVVENGGIINKIGTNQMAVCAKAQNKPFIYVVAESF</p> <p>KFVRLFPLNQDVPDKFKYKADTLKVAQTGQDLKEEHPWVDYTAPSLITLLFTDLGV</p> <p>LTPSAVSDELIKLYL</p>
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	EIF2B1 eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa [Homo sapiens]
Official Symbol	EIF2B1
Synonyms	EIF2B1; eukaryotic translation initiation factor 2B, subunit 1 alpha, 26kDa; EIF2B, eukaryotic translation initiation factor 2B, subunit 1 (alpha, 26kD); translation initiation factor eIF-2B subunit alpha; EIF 2B; EIF 2Balpha; EIF2BA; eIF-2B GDP-GTP exchange factor subunit alpha; EIF2B; MGC117409; MGC125868; MGC125869;
Gene ID	1967
mRNA Refseq	NM_001414
Protein Refseq	NP_001405
MIM	606686
UniProt ID	Q14232