

Recombinant Human EIF2B2, GST-tagged

Cat. No. EIF2B2-12354H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF2B2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-351a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	EIF2B2 eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa [Homo sapiens]
Official Symbol	EIF2B2

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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
Chromosome Location	14q24.3
Pathway	Cap-dependent Translation Initiation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem; Gene Expression, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Recycling of eIF2:GDP, organism-specific biosystem;
Function	ATP binding; GTP binding; contributes_to guanyl-nucleotide exchange factor activity; contributes_to guanyl-nucleotide exchange factor activity; protein binding; contributes_to translation initiation factor activity;