

# Recombinant Full Length Human EIF2B2 Protein, GST-tagged

Cat. No. EIF2B2-4490HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human EIF2B2 full-length ORF ( AAH00494, 1 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	351 amino acids
<b>Description</b>	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. [provided by RefSeq, Aug 2011]
<b>Molecular Mass</b>	64.35 kDa
<b>AA Sequence</b>	MPGSAAKGSELSEIESFVETLKRGGGPRSSSEEMARETLGLLRQIITDHRWSNAGEL MELIRREGRRMTAAQPSETTVGNMVERRVLKIIREEYGRLLHGRTDESDQQESLHKLLT SGGLNEDFSFHYAQLQSNII EAINELLVELEGT MENIAAQALEHIHSNEVIMTIGFSRTV EAFLKEAARKRKFHVIVAECAPFCQGHEMAVNLSKAGIETTVMTDAAIFAVMSRVNK VIIGTKTILANGALRAVTGTHTLALAAKHHSTPLIVCAPMFKLSPQFPNEEDSFHKFVA PEEVLPFTEGDILEKVSVHCPVFDYVPPELITL FISNIGGNAPSIIYRLMSELYHPDDH VL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	EIF2B2 eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa [ Homo sapiens ]
<b>Official Symbol</b>	EIF2B2
<b>Synonyms</b>	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;
<b>Gene ID</b>	8892
<b>mRNA Refseq</b>	NM_014239
<b>Protein Refseq</b>	NP_055054
<b>MIM</b>	606454
<b>UniProt ID</b>	P49770

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