

Recombinant Full Length Human EIF6 Protein, GST-tagged

Cat. No. EIF6-4305HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF6 full-length ORF (NP_002203.1, 1 a.a. - 245 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	245 amino acids
Description	Hemidesmosomes are structures which link the basal lamina to the intermediate filament cytoskeleton. An important functional component of hemidesmosomes is the integrin beta-4 subunit (ITGB4), a protein containing two fibronectin type III domains. The protein encoded by this gene binds to the fibronectin type III domains of ITGB4 and may help link ITGB4 to the intermediate filament cytoskeleton. The encoded protein, which is insoluble and found both in the nucleus and in the cytoplasm, can function as a translation initiation factor and prevent the association of the 40S and 60S ribosomal subunits. Multiple non-protein coding transcript variants and variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2012]
Molecular Mass	53 kDa
AA Sequence	MAVRASFENNCEIGCFAKLTNTYCLVAIGGSENFYSVFEGELSDTIPVVHASIAGCRII GRMCVGNRHGLLVPNNTTDQELQHIRNSLPDTVQIRRV EERLSALGNVTT CNDYVA LVHPDL DRETEEILADV LKVEVFRQTVADQVLVGSYCVFSNQGG L VHPKTSIEDQDE

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	LSSLLQVPLVAGTVNRGSEVIAAGMVVNDWCAFCGLDTTSTELSVVESVFKLNEAQ PSTIATSMRDSLIDSLT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EIF6 eukaryotic translation initiation factor 6 [Homo sapiens]
Official Symbol	EIF6
Synonyms	EIF6; eukaryotic translation initiation factor 6; EIF3A, integrin beta 4 binding protein , ITGB4BP; b(2)gcn; p27BBP; B4 integrin interactor; p27 beta-4 integrin-binding protein; eukaryotic translation initiation factor 3A; CAB; EIF3A; eIF-6; ITGB4BP; p27(BBP);
Gene ID	3692
mRNA Refseq	NM_002212
Protein Refseq	NP_002203

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MIM	602912
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UniProt ID	P56537
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