

Recombinant Human EIF6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EIF6-671H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EIF6 MS Standard C13 and N15-labeled recombinant protein (NP_852133) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	1-245 aa
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.
Molecular Mass	26.4 kDa
AA Sequence	MAVRASFENNCEIGCFAKLTNTYCLVAIGGSENFYSVFEGELSDTIPVVHASIAGCRII GRMCVGNRHGLLVPNNTTDQELQHIRNSLPDTVQIRRV EERLSALGNVTT CNDYVA LVHPDL DRETEEILADV LKVEVFRQTVADQVLVGSYCVFSNQGG LVHPKTSIEDQDE

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LSSLLQVPLVAGTVNRGSEVIAAGMVVNDWCAFCGLDTTSTELSVVESVFKLNEAQ
PSTIATSMRDSLIDSLTTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EIF6 eukaryotic translation initiation factor 6 [Homo sapiens (human)]

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_181468

Protein Refseq NP_852133

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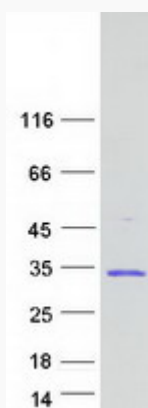
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MIM 602912

UniProt ID P56537

SDS-PAGE



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