

Product datasheet for **TP320391**

Integrin beta 4 binding protein (EIF6) (NM_181468) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human eukaryotic translation initiation factor 6 (EIF6), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220391 representing NM_181468 Red =Cloning site Green =Tags(s)
	 MAVRASFENNCEIGCFAKLTNTYCLVAIGGSENFYSVFEGELSDTIPVWHASIAGCRIIGRMCVGNRHGL LVPNNTDQELQHIRNSLPDTVQIRRVEERLSALGNVTTCDYVALVHPDLDRETEEILADV LKVEVFRQ TVADQVLVGSYCVFSNQGGGLVHPKTSIEDQDELSSLLQVPLVAGTVNRGSEVIAAGMVVNDWCAFCGLDT TSTELSVVESVFKLNEAQPSTIATSMRDSLIDSLT TRRLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	26.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_852133</u>
Locus ID:	3692



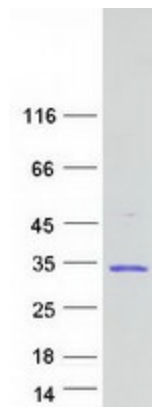
[View online »](#)

UniProt ID: [P56537](#)
RefSeq Size: 1259
Cytogenetics: 20q11.22
RefSeq ORF: 735
Synonyms: b(2)gcn; CAB; eIF-6; EIF3A; ITGB4BP; p27(BBP); p27BBP

Summary: 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]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified EIF6 protein (Cat# TP320391). The protein was produced from HEK293T cells transfected with EIF6 cDNA clone (Cat# [RC220391]) using MegaTran 2.0 (Cat# [TT210002]).