

## Product datasheet for PH320391

### Integrin beta 4 binding protein (EIF6) (NM\_181468) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	EIF6 MS Standard C13 and N15-labeled recombinant protein (NP_852133)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220391
Predicted MW:	26.4 kDa
Protein Sequence:	>RC220391 representing NM_181468 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAVRASFENNCEIGCFAKLTNTYCLVAIGGSENFYSVFEGELSDTIPVVHASIAGCRIIGRMCVGNRHGL LVPNNTDQELQHIRNSLPDTVQIRRVEERLSALGNVTTCDYVALVHPDLDRETEEILADV LKVEVFRQ TVADQVLVGSYCVFSNQGGLVHPKTSIEDQDELSSLLQVPLVAGTVNRGSEVIAAGMVVNDWCAFCGLDT TSTELSVVESVFKLNEAQPSTIATSMRDSLIDSLT  <b>TRRLEQKLI SEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_852133</a>
RefSeq Size:	1259
RefSeq ORF:	735
Synonyms:	b(2)gcn; CAB; eIF-6; EIF3A; ITGB4BP; p27(BBP); p27BBP
Locus ID:	3692
UniProt ID:	<a href="#">P56537</a>



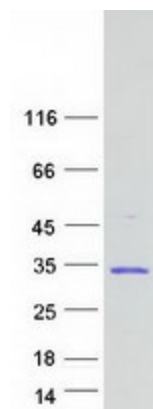
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Cytogenetics: 20q11.22

**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]).