

Product datasheet for **SC203989**

Integrin beta 4 binding protein (EIF6) (NM_181466) Human 3' UTR Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | Integrin beta 4 binding protein (EIF6) (NM_181466) Human 3' UTR Clone |
| Symbol: | Integrin beta 4 binding protein |
| Synonyms: | b(2)gcn; CAB; eIF-6; EIF3A; ITGB4BP; p27(BBP); p27BBP |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_181466 |
| Insert Size: | 309 bp |
| Insert Sequence: | >SC203989 3'UTR clone of NM_181466 The sequence shown below is from the reference sequence of NM_181466. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site |
| | GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CGGGATTCCCTCATTGACAGCCTCACCT AG TCACCTTCCAAGTTGTTCCATGGGCTCCTGGCTCTGGA CTGTGGCCAACTTCTCCACATTCGCCCAATCTGTACCGGATGCTGGCAGGGAGGTGGCAGAGAGCTC ACTGGGACTGAGGGGCTGGGCACCCAACCCTTTCCACCTGTGCTTATCGCCTGGATCTATCATTACTG CAAAAACCTGCTCTGTTGTGCTGGCTGGCAGGCCCTGTGGCTGCTGGCTGAGGGTCTGCTGCTCCTGTG CCACCCATTAAAGTGCAGTTCCTCCGGGCCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG |
| Restriction Sites: | Sgfl-Mlul |
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs). |
| Components: | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials. |
| RefSeq: | <u>NM_181466.3</u> |



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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]

Locus ID:

3692

MW:

10.8