

Product datasheet for RC200568

Integrin beta 4 binding protein (EIF6) (NM_002212) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Integrin beta 4 binding protein (EIF6) (NM_002212) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Integrin beta 4 binding protein
Synonyms:	b(2)gcn; CAB; eIF-6; EIF3A; ITGB4BP; p27(BBP); p27BBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC200568 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGTCCGAGCTTCGTTTCGAGAACAACGTGAGATCGGCTGCTTTGCCAAGCTCACCAACACCTACT
GTCTGGTAGCGATCGGAGGCTCAGAGAATTCTACAGTGTGTTTCGAGGGCGAGCTCTCCGATACCATCCC
CGTGGTGCACGCGTCTATCGCCGGCTGCCGCATCATCGGGCGCATGTGTGTGGGAAACAGGCACGGTCTC
CTGGTACCCAACAATACCACCGACCAGGAGCTGCAACACATTTCGCAACAGCCTCCAGACACAGTGCAGA
TTAGGCGGGTGGAGGAGCGGCTCTCAGCCTTGGCAATGTCACCACCTGCAATGACTACGTGGCCTTGGT
CCACCCAGACTTGGACAGGGAGACAGAAGAAATTCGGCAGATGTGCTCAAGGTGGAAGTCTTCAGACAG
ACAGTGGCCGACCAGGTGCTAGTAGGAAGTACTGTGTCTTCAGCAATCAGGGAGGGCTGGTGCATCCCA
AGACTTCAATTGAAGACCAGGATGAGCTGTCTCTTCTTCAAGTCCCCCTTGTGGCGGGGACTGTGAA
CCGAGGCAGTGAGGTGATTGCTGCTGGGATGGTGGTGAATGACTGGTGTGCCTTCTGTGGCTGGACACA
ACCAGCACAGAGCTGTCAGTGGTGGAGAGTGTCTTCAAGCTGAATGAAGCCAGCCTAGCACCATTGCCA
CCAGCATGCGGGATTCCCTCATTGACAGCCTCACC

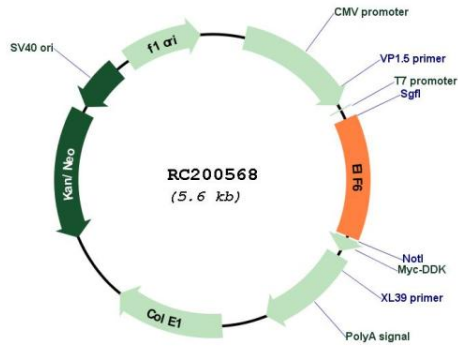
AC**GCGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_002212.4
RefSeq Size:	1135 bp
RefSeq ORF:	738 bp
Locus ID:	3692
UniProt ID:	P56537
Cytogenetics:	20q11.22
Domains:	eIF6
Protein Families:	Druggable Genome
MW:	26.6 kDa
Gene 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]

Product images:



Circular map for RC200568