

Recombinant Full Length Human ITGB6 Protein, Flag tagged

Cat. No. ITGB6-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human integrin, beta 6 (ITGB6) with C-Flag tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-788 aa
Description	This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms a dimer with an alpha v chain and this heterodimer can bind to ligands like fibronectin and transforming growth factor beta 1. Alternate splicing results in multiple transcript variants.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	85.8 kDa
AASequence	MGIELLCLFFFLFLGRNDHVQGGCALGGAETCEDCLLIGPQCAWCAQENFTHPSGVG ERCDTPANLLAKGCQLNFIENPVSQVEILKNKPLSVGRQKNSSDIVQIAPQSLILKLRP GGAQTLQVHVRQTEDYPVDLYYMDLSASMDDDLNTIKELGSRLSKEMSKLTSNFR LGFGSFVEKPVSPFVKTTPEEIANPCSSIPYFCLPTFGFKHILPLTND AERFNEIVKNQ KISANIDTPEGGFDAIMQAAVCKEKIGWRNDSLHLLVFVSDADSHFGMDSKLAGIVIP

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NDGLCHLDSKNEYSMSTVLEYPTIGQLIDKLVQNNVLLIFAVTQEQVHLYENYAKLIP
 GATVGLLQKDSGNILQLIISAYEELRSEVELEVLDTEGLNLSFTAICNNGTLFQHQQK
 CSHMKVGDTASFSTVNIPHCCERRSRHIIKPVGLGDALELLVSPECNCDQCQKEVEV
 NSSKCHHNGSFQCGVCACHPGHMGRCECGEDMLSTDSCKEAPDHPSCSGRG
 DCYCGQCICHLSPYGNIGPYCQCDNFSCVRHKGLLCGGNGDCDCGECVCRSGW
 TGEYCNCCTTSTDSCVSEDGVLCSGRGDCVCGKCVCTNPGASGPTCERCPTCGDP
 CNSKRSCIECHLSAAGQAREECVDKCKLAGATISEEEDFSKDGSVSCSLQGENECLI
 TFLITTDNEGKTIHSINEKDCPKPPNIPMIMLGVSLLAIGVLLCIWKLLVSFHDRKE
 VAKFEAERSKAKWQTGTNPLYRGSTSTFKNVTYKHREKQKVDLSTDCTRTRPLEQK
 LISEEDLAANDILDYKDDDDKV

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

Notes 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 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration >0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name *ITGB6 integrin, beta 6 [Homo sapiens (human)]*

Official Symbol *ITGB6*

Synonyms ITGB6; integrin, beta 6; integrin beta-6;

Gene ID 3694

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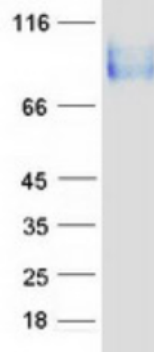
mRNA Refseq [NM_000888](#)

Protein Refseq [NP_000879](#)

MIM [147558](#)

UniProt ID [P18564](#)

SDS-PAGE and WB



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