

Recombinant Full Length Human ITGB6 Protein, GST-tagged

Cat. No. ITGB6-5785HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ITGB6 full-length ORF (NP_000879.2, 1 a.a. - 788 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	788 amino acids
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. [provided by RefSeq, Sep 2013]
Molecular Mass	112.3 kDa
AA Sequence	MGIELLCLFFLFLGRNDHVQGGCALGGAETCEDCLLIGPQCAWCAQENFTHPSGVG ERC DTPANLLAKGCQLNFIENPVSQVEILKNKPLSVGRQKNSSDIVQIAPQSLILKLRP GGAQTLQVHVRQTEDYPVDLYYLMDLSASMDDDLNTIKELGSRLSKEMSKLTSNFR LGFGSFVEKPVSPFVKTTPEEIANPCSSIPYFCLPTFGFKHILPLTND AERFNEIVKNQ KISANIDTPEGGFDAIMQAAVCKEKIGWRNDSLHLLVFVSDADSHFGMDSKLAGIVIP NDGLCHLDSKNEYSMSTVLEYPTIGQLIDKLVQNNVLLIFAVTQEQVHLYENYAKLIP

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GATVGLLQKDSGNILQLIISAYEELRSEVELEVLGDTEGLNLSFTAICNNGTLFQHQQK
 CSHMKVGD TASFSVTVNIPH CERRSRHIIIPVGLGDALELLVSPECNDCQKEVEV
 NSSKCHHGNGSFQCGVCACHPGHMGP RCECGEDMLSTDSCKEAPDHPSCSGRG
 DCYCGQCICHLSPYGN IYGPYCQCDNFSCVRHKGLLCGGNGDCDCGECVCRSGW
 TGEYCNC TTSTDSCVSE DGVLCSGRGDCVCGKCVCTNPGASGPTCERCPTCGDP
 CNSKRSCIECHLSAAGQAREECVDKCKLAGATISEEEDFSKDGSVSCSLQGENECLI
 TFLITTDNEGKTIHSINEKDCPKPPNIPMIMLGVSLAILLIGVVLLCIWKLLVSFHDRKE
 VAKFEAERSKAKWQTGTNPLYRGSTSTFKNVTYKHREKQKVDLSTDC

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ITGB6 integrin, beta 6 \[Homo sapiens \]](#)

Official Symbol

[ITGB6](#)

Synonyms

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

Gene ID

[3694](#)

mRNA Refseq

[NM_000888](#)

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Protein Refseq NP_000879

MIM 147558

UniProt ID P18564

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