

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 ERCDTPANLLAKGCQLNFIENPVVSQVEILKNKPLSVGRQKNSSDIVQIAPQSLILKLRP GGAQTLQVHVRQTEDYPVDLYYLMDLASMSDDDLNTIKELGSRLSKEMSKLTSNFR LGFGSFVEKPVSPFVKTTPEEIANPCSSIPYFCLPTFGFKHILPLTND AERFNEIVKNQ KISANIDTPEGGFDAIMQAAVCKEKIGWRNDSLHLLVFVSDADSHFGMDSKLAGIVIP NDGLCHLDSKNEYSMSVTVLEYPTIGQLIDKLVQNNVLLIFAVTQEQVHLYENYAKLIP

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GATVGLLQKDSGNILQLISAYEELRSEVELEVLDTEGLNLSFTAICNNGTLFQHQQK
 CSHMKVGDTASFSTVNIPHCCERRSRHIIKPVGLGDALELLVSPECNCDQCQKEVEV
 NSSKCHHGNGSFQCGVCACHPGHMGPRCECGEDMLSTDSCKEAPDHPSCSGRG
 DCYCGQCICHLSPYGNIGPYCQCDNFSCVRHKGLLCGGNGDCDCGECVCRSGW
 TGEYCNCCTTSTDSCVSEDGVLCSGRGDCVCGKCVCTNPGASGPTCERCPTCGDP
 CNSKRSCIECHLSAAGQAREECVDKCKLAGATISEEEDFSKDGSVSCSLQGENECLI
 TFLITTDNEGKTIHSINEKDCPKPPNIPMIMLGVSLLAILLIGVLLCIWKLLVSFHDRKE
 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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