

Recombinant Human ITGB6

Cat. No. ITGB6-29868TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ITGB6 with N terminal proprietary tag. Predicted MW 112.75 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	788 amino acids
Description	Integrin beta-6 is a protein that in humans is encoded by the ITGB6 gene.
Molecular Weight	112.750kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MGIELLCLFFFLFLGRNDHVQGGCALGGAETCEDCLLIGPQ CAWCAQENFTHPSGV GERCDTPANLLAKGCQLNFIENPVS QVEILKNKPLSVGRQKNSSDIVQIAPQSLILKL RPGGAQT LQVHVRQTEDYPVDLYYLMDLASMDDDLNTIKELGSRLS KEMSKLTS

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NFRLGFGSFVEKPVSPFVKTTPEEIANPCSSI PYFCLPTFGFKHILPLTND AERFNEIV
 KNQKISANIDTPE GGFDAIMQAAVCKEKIGWRNDSLHLLV FVSDADSHFGMDS KLA
 GIVIPNDGLCHLDSKNEYSMSTVLEYPTIGQLIDKLV QNNVLLIFAVTQEQVHLYENY
 AKLIPGATVGLLQKDSGNI LQLIISAYEELRSEVELEVLGDTEGLNLSFTAICNNGTLF
 QHQKKCSHMKVGD TASFSVTVNIPH CERRSRHIIIKPVGL GDALELLVSPECNDCDCQ
 KEVEVNSSKCHHGNGSFQCGVCA CHPGHMGRPCECGEDMLSTDSCKEAPDHP S
 CSGRGDCYCG QCICHLSPYGN IYGPYCQCDNFSCVRHKGLLCGGNGDCDC GECV
 CRSGWTGEYCNCTTSTDSCVSE DGVLCSGRGDCVCG KCVCTNPGASGPTCERC
 PTCGDPCNSKRSCIECHLSAAGQ AREECVDKCKLAGATISEEEDFSKDGSVSCSLQ
 GENECLI TFLITTDNEGKTIHSINEKDCPKPPNIPMIMLGVSLAIL LIGVLLCIWKLLV
 SFHDRKEVAKFEAERSKAKWQTGNP LYRGSTSTFKNVTYKHREKQKVDLSTDC

Sequence

Belongs to the integrin beta chain family. Contains 1 VWFA domain.

Similarities

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](#)

Protein Refseq [NP_000879](#)

MIM [147558](#)

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Uniprot ID	P18564
Chromosome Location	2q24.2
Pathway	Arrhythmogenic right ventricular cardiomyopathy (ARVC), organism-specific biosystem; Arrhythmogenic right ventricular cardiomyopathy (ARVC), conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem; ECM-receptor interaction, organism-specific biosystem;
Function	binding; integrin binding; receptor activity;

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