

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: 8.00Constituents: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	MGIELLCFLFFLGRNDHVQGGCALGGAETCEDCLLIGPQ CAWCAQENFTHPSGV GERCDTPANLLAKGCQLNFIENPVS QVEILKNKPLSVGRQKNSSDIVQIAPQSLILKL RPGGAQT LQVHVRQTEDYPVDLYYLMDLASMDDDLNTIKELGSRLS KEMSKLTS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NFRLGFGSFVEKPVSPFVKTTPEEIANPCSSI PYFCLPTFGFKHILPLTND AERFNEIV
 KNQKISANIDTPE GGFDAIMQAAVCKEKIGWRNDSLHLLVFVSDADSHFGMDS KLA
 GIVIPNDGLCHLDSKNEYSMSTVLEYPTIGQLIDKLV QNNVLLIFAVTQEQVHLYENY
 AKLIPGATVGLLQKDSGNI LQLISAYEELRSEVELEVLGDT EGLNLSFTAICNNGTLF
 QHQKKCSHMKVGDTASF SVTVNIPHCERRSRHIIKPVGL GDALELLVSPECN CDCQ
 KEVEVNSSKCHHGNGSFQCGVCA CHPGHMGRPRCECGEDMLSTD SCKEAPDHP
 CSGRGDCYCG QCICHLSPYGN IYGPYCQCDNFSCVRHKGLLCGGNGDCDC GECV
 CRSGWTGEYCNC TTTSTDSCVSEDGVLCSGRGDCVCG KCVCTNPGASGPTCERC
 PTCGDPCNSKRSCIECHLSAAGQ AREECVDKCKLAGATISEEEDFSKDGSVSCSLQ
 GENECLI TFLITTDNEGKTIHSINEKDCPKPPNIPMIMLGVS LAIL LIGVVLLCIWKLLV
 SFHDRKEVAKFEAERSKAKWQTGTNP LYRGSTSTFKNVTYKHREKQKVDLSTDC

**Sequence
Similarities**

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

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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