

Recombinant Full Length Human ITGA6 Protein

Cat. No. ITGA6-5725HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGA6 full-length ORF (NP_000201.2) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	420 amino acids
Description	The ITGA6 protein product is the integrin alpha chain alpha 6. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. For example, alpha 6 may combine with beta 4 in the integrin referred to as TSP180, or with beta 1 in the integrin VLA-6. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Form	Liquid
Molecular Mass	119.5 kDa
AA Sequence	MAAAGQLCLLYLSAGLLSRLGAAFNLDTREDNVIRKYGDPGSLFGFSLAMHWQLQP EDKRLLLVGAPRAEALPLQRANRTGGLYSCDITARGPCTRIEFDNDADPTSESKEDQ WMGVTVQSQGPQGGKVVTCACHRYEKRQHVNTKQESRDIFGRCYVLSQNLRIEDDMD GGDWSFCDGRLRGHEKFGSCQQGVAATFTKDFHYIVFGAPGTYNWKGIVRVEQKN NTFFDMNIFEDGPYEVGGETEHDLSVPVPANSYLGFSLD SGKGIVSKDEITFVSGA

 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

PRANHSGAVVLLKRDMKSAHLLPEHIFDGEGLASSFGYDVAVVDLNKDGWQDIVIGA
 PQYFDRDGEVGGAVYVYMNQQRWNNVKPIRLNGTKDSMFGIAVKNIGDINQDGY
 PDIAVGAPYDDLKGVFIYHGSANGINTKPTQVLKGISPYFGYSIAGNMDLDRNSYPDV
 AVGSLSDSVTIFRSRPVINIQKTITVTPNRIDLRLQKTACGAPSGICLQVKSCFEYTANP
 AGYNPSISIVGTLEAEKERRKSGLSSRVQFRNQGSEPKYTQELTLKRQKQKVCMEE
 TLWLQDNIRDKLRPIPIITASVEIQEPSSRRRVNSLPEVLPILNSDEPKTAHIDVHFLKE
 GCGDDNVCNSNLKLEYKFCTREGNQDKFSYLPQKGVPELVLKDQKDIALEITVTNS
 PSNPRNPTKDGDDAHEAKLIATFPDTLTYSAYRELRAFPEKQLSCVANQNGSQADC
 ELGNPFKRNSNVTFYLVLTTEVTFTDTPDLINLKLETTSNQDNLAPITAKAKVVIALL
 SVSGVAKPSQVYFGGTVVGEQAMKSEDEVGSLIEYEFVRVINLGKPLTNLGTATLNIQ
 WPKEISNGKWLlyLVKVESKGLEKVTCEPQKEINSLNLTESHNSRKKREITEKQIDDN
 RKFSLFAERKYQTLNCSVNVNCVNIRCLPLRGLDSKASLILRSRLWNSTFLEEYSKLNy
 LDILMRAFIDVTAAAENIRLPNAGTQVRVTVFPSKTVAQYSGVPWWIILVAILAGILMLA
 LLVFILWKCFFKRNKKDHYDATYHKAIEHAQPSDKERLTSDA

Applications

- Antibody Production
- Functional Study
- Compound Screening

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 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name *ITGA6* integrin, alpha 6 [Homo sapiens]

Official Symbol *ITGA6*

 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

Synonyms	ITGA6; integrin, alpha 6; integrin alpha-6; CD49f; integrin alpha6B; CD49 antigen-like family member F; VLA-6; ITGA6B; FLJ18737; DKFZp686J01244;
Gene ID	3655
mRNA Refseq	NM_000210
Protein Refseq	NP_000201
MIM	147556
UniProt ID	P23229

 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