

Recombinant Full Length Human ITGA6 Protein

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

SPECIFICATION

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| 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 | <p>MAAAGQLCLLYLSAGLLSRLGAAFNLDTREDNVIRKYGDPGSLFGFSLAMHWQLQP EDKRLLLVGAPRAEALPLQRANRTGGLYSCDITARGPCTRIEFDNDADPTSESKEDQ WMGVTVQSQGPGGKVVVTCAHRYEKRQHVNTKQESRDIFGRCYVLSQNLRIEDDMD GGDWSFCDGRLRGHEKFGSCQQGVAATFTKDFHYIVFGAPGTYNWKGIVRVEQKN NTFFDMNIFEDGPYEVGGETEHDSESLVPVPANSYLGFSLDGSGKIVSKDEITFVSGA</p> |

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



PRANHSGAVVLLKRDMKSAHLLPEHIFDGEGLASSFGYDVAVVDLNKDGWQDIVIGA
 PQYFDRDGEVGGAVVYVMNQQRWNNVKPIRLNGTKDSMFGIAVKNIGDINQDGY
 PDIAVGAPYDDLKGVFIYHGSANGINTKPTQVLKGISPYFGYSIAGNMDLDRNSYPDV
 AVGSLSDSVTIFRSRPVINIQKTITVTPNRIDLRLQKTACGAPSGICLQVKSCFEYTANP
 AGYNPSISIVGTLEAEKERRKSGLSSRVQFRNQGSEPKYTQELTLKRQKQKVCMEE
 TLWLQDNIRDKLRPIPIASVEIQEPSSRRRVNSLPEVLPILNSDEPKTAHIDVHFLKE
 GCGDDNVCNSNLKLEYKFCTREGNQDKFSYLPQKGVPELVKDKQKDIALEITVTNS
 PSNPRNPTKDGDDAHEAKLIATFPDTLTYSAYRELRAFPEKQLSCVANQNGSQADC
 ELGNPFKRNSNVTFYLVLSTTEVTFDTPDLINLKLETTSNQDNLAPITAKAKVVIALL
 SVSGVAKPSQVYFGGTVVGEQAMKSEDEVGSLIEYEFRVINLGKPLTNLGTATLNIQ
 WPKEISNGKWLlyLVKVESKGLEKVTCEPQKEINSLNLTESHNSRKKREITEKQIDDN
 RKFSLFAERKYQTLNCSVNVNCVNIRCPLRGLDSKASLILRSRLWNSTFLEEYSKLNy
 LDILMRAFIDVAAAENIRLPNAGTQVRVTVFPSKTVAQYSGVPWWIILVAILAGILMLA
 LLVFILWKCGFFKRKNDHYDATYHKAEIHAQPSDKERLTSDA

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

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|-----------------------|--|
| 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 |

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