

## 32-13272: ITGB1 Human, Sf9

**Alternative Name :** Integrin beta-1, Fibronectin receptor subunit beta, Glycoprotein IIa, GPIIA, VLA-4 subunit beta, CD29, ITGB1, FNRB, MDF2, MSK12, Integrin beta 1, CD29, VLAB.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Integrins are heterodimeric proteins consist of alpha and beta subunits. There are more than 18 alpha and 8 beta subunits discovered in mammals. Integrin family members are membrane receptors that participates in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. ITGB1 encodes a beta subunit.

ITGB1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 716 amino acids (1-728) and having a molecular mass of 79.4kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). ITGB1 is fused to an 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** ITGB1 protein solution (1.0mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** QTDENRCLKA NAKSCGECIQ AGPNCGWCTN STFLQEGMPT SARCDLEAL KKKGCPPDDI ENPRGSKDIK  
KNKNVTNRSK GTAELKLPED ITQIQPQLV LRLRSGEPQT FTLKFKRAED YPIDLYYLM DLSYSMKDDLE  
NVKSLGTDLM NEMRRITSDF RIGFGSFVEK TVMPYISTTP AKLRNPCTSE QNCTSPFSYK NVLSLTNKGE  
VFNELVGKQR ISGNLDSPEG GFDAIMQVAV CGSLIGWRNV TRLLVFSTDA GFHFAGDGKL GGIVLPNDGQ  
CHLENNMYTM SHYYDYP SIAHLVQKLENN IQTIFAVTEE FQPVKELKN LIPKSAVGTL SANSSNVIQL  
IIDAYNSLSS EVILENGKLS EGV TISYKSY CKNGVNGTGE NGRKCSNISI GDEVQFEISI TSNKCPKKDS  
DSFKIRPLGF TEEVEVILQY ICECECQSEG IPESPKCHEG NGTFECGACR CNEGRVGRHC ECSTDEVNSE  
DMDAYCRKEN SSEICSNNGE CVCGQCVC RK RDNTNEIYSG KFCECDNFNCDRSNGLICGG  
NGVCKCRVCE CNPNYTGSAC DCSLDTSTCE ASNGQICNGR GICECGVCKC TDPKFQGQTC  
EMCQTCLGVC AEHKECVQCR AFNKGEK KDT CTQEC SYFNI TKVESRDKLP QPVQDPVSH  
CKEKDVDDCW FYFTYSVNGN NEVMHVVEN PECPTGPDLE HHHHHH