

# Human ITGB1 Recombinant Protein



RPPB3760

## Product Information Protein Information

### Product SKU:

RPPB3760

### Accession:

P05556

### Host:

Sf9, Baculovirus cells.

### Protein description:

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.

### Appearance:

Sterile Filtered colorless solution.

### Synonyms:

Integrin beta-1, Fibronectin receptor subunit beta, Glycoprotein IIa, GPIIA, VLA-4 subunit beta, CD29, ITGB1, FNRI, MDF2, MSK12, Integrin beta 1, CD29, VLAB.

### Formulation:

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

### Purity:

Greater than 95.0% as determined by SDS-PAGE.

### Stability:

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 Sequence:

QTDENRCLKA NAKSCGECIQ AGPNCGWCTN STFLQEGMPT SARCDLEAL KKGKCPPDDI ENPRGSKDIK  
KNKNVTNRSK GTAEKLPED ITQIQPQLV LRLRSGEPQT FTLKFKRAED YPIDLYLMD LSYMKDDLE  
NVKSLGTDLM NEMRRITSDF RIGFGSFVEK TVMPYISTTP AKLRNPCTSE QNCTSPFSYK NVLSLTNKGE  
VFNELVGKQR ISGNLDSPEG GFDAIMQVAV CGSLIGWRNV TRLLVFSTDA GFHFAGDGKL GGIVLPNDGQ  
CHLENNMYTM SHYYDYPSIA HLVQKLENN IQTIFAVTEE FQPVYKELKN LIPKSAVGTL SANSSNVIQL  
IIDAYNSLSS EVILENGKLS EGVTSYKSY CKNGVNGTGE NGRKCSNISI GDEVQFEISI TSNKCPKDS  
DSFKIRPLGF TEEVEVILQY ICECEQSEG IPESPKCHEG NGTFECGACR CNEGRVGRHC ECSTDEVNSE  
DMDAYCRKEN SSEICSNNGE CVCGQCVRK RDNTNEIYSG KFCECDNFNCDRSNGLICGG NGVCKCRVCE  
CNPNYTGSAC DCSLDTSTCE ASNGQICNGR GICECGVCKC TDPKFQGGQC EMCQTCLGVC AEHKECVQCR  
AFNKGEKKDT CTQECYFNI TKVESRDKLP QPVQDPVSH CKEKDVDDCW FYFTYSVNGN NEVMVHVVEN  
PECPGPDLE HHHHHH