

Human ITGB1 Recombinant Protein



RPPB3759

Product Information Protein Information

Product SKU:

RPPB3759

Accession:

P05556

Host:

Escherichia Coli.

Protein description:

ITGB1 Human Recombinant produced in E. coli is a single polypeptide chain containing 462 amino acids (21-461) and having a molecular mass of 51.2 kDa. ITGB1 is fused to a 20 amino acid His-tag at N-terminus & 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, FN1B, MDF2, MSK12, Integrin beta 1, CD29, VLAB.

Formulation:

The ITGB1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Purity:

Greater than 80% 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:

MGSSHHHHHH SGLVPRGSH MQTDENRCLK ANAKSCGECI QAGPNCGWCT NSTFLQEGMP TSARCDDLEA
LKKKGCPDD IENPRGSKDI KKNKNVTNRS KGTAELKPE DITQIQPQL VLRLRSQEPQ TFTLKFKRAE
DYPIDLYLM DLSYSMKDDL ENVKSLGTDL MNEMRRITSDFRIGFGSFVE KTVMPYISTT PAKLRNPCTS
EQNCTSPFSY KNVLSLTNKG EVFNELVGKQ RISGNLDSPE GGFDAIMQVA VCGSLIGWRN VTRLLVFSTD
AGFHAFAGDGK LGGIVLPNDG QCHLENNMYT MSHYYDYPSI AHLVQKLSN NIQTIFAVTE EFQPVYKELK
NLIPKSAVGT LSANSSNVIQ LIIDAYNSLS SEVILENGL SEGVTISYKS YCKNGVNGTG ENGRKCSNIS
IGDEVQFEIS ITSNKCPKDD SDSFKIRPLG FTEEVEVILQ YI.