

32-4028: Recombinant Human Integrin Beta 1

Alternative Name Integrin beta-1, Fibronectin receptor subunit beta, Glycoprotein IIa, GPIIA, VLA-4 subunit
:
beta, CD29, ITGB1, FN1R, MF2, MSK12, Integrin beta 1, CD29, VLAB.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount : 20 µg
Purification : Greater than 80% as determined by SDS-PAGE.
Content : The ITGB1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 : MGSSHHHHHH SSSLVPRGSH MQTDENRCLK ANAKSCGECI QAGPNCGWCT NSTFLQEGMP
TSARCDDLEA LKKKGCPDD IENPRGSKDI KKNKNVTNRS KGTAEKLPKPE DITQIQPQQL VLRLRSGEPQ
TFTLKFRAE DYPIDLYLM DLSYSMKDDL ENVKSLGTDL MNEMRRITSDFRIGFGSFVE KTVMPYISTT
PAKLRNPCTS EQNCTSPFSY KNVLSLTNKG EVFNELVGKQ RISGNLDSPE GGFDAIMQVA VCGSLIGWRN
VTRLLVFSTD AGFHFAGDGK LGGIVLPNDG QCHLENNMYT MSHYYDYPSI AHLVQKLSN NIQTIFAVTE
EFQPVYKELK NLIPKSAVGT LSANSSNVIQ LIIDAYNSLS SEVILENGKL SEGVITISYKS YCKNGVNGTG
ENGRKCSNIS IGDEVQFEIS ITSNKCPKSD SDSFKIRPLG FTEEVEVILQ YI.