

Recombinant Human ITGB1BP1 Protein, His-tagged

Cat. No. ITGB1BP1-2647H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGB1BP1 protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The cytoplasmic domains of integrins are essential for cell adhesion. The protein encoded by this gene binds to the beta1 integrin cytoplasmic domain. The interaction between this protein and beta1 integrin is highly specific. Two isoforms of this protein are derived from alternatively spliced transcripts. The shorter form of this protein does not interact with the beta1 integrin cytoplasmic domain. The longer form is a phosphoprotein and the extent of its phosphorylation is regulated by the cell-matrix interaction, suggesting an important role of this protein during integrin-dependent cell adhesion. Several transcript variants, some protein-coding and some non-protein coding, have been found for this gene.
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 100 mM Arg. Store at -80 Centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	21.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name ITGB1BP1 integrin beta 1 binding protein 1 [Homo sapiens]

Official Symbol ITGB1BP1

Synonyms ICAP-1A; ICAP-1alpha; ICAP-1B; ICAP1; ICAP1A; ICAP1B

Gene ID 9270

mRNA Refseq NM_004763

Protein Refseq NP_004754

MIM 607153

UniProt ID O14713

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