Recombinant Full Length Human ITGB1BP1 Protein, GST-tagged

Cat. No. ITGB1BP1-5761HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGB1BP1 full-length ORF (AAH12264, 1 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	200 amino acids
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. [provided by RefSeq
Molecular Mass	47.74 kDa
AA Sequence	MFRKGKKRHSSSSSQSSEISTKSKSVDSSLGGLSRSSTVASLDTDSTKSSGQSNNN SDTCAEFRIKYVGAIEKLKLSEGKGLEGPLDLINYIDVAQQDGKLPFVPPEEEFIMGVS KYGIKVSTSDQYDVLHRHALYLIIRMVCYDDGLGVGKSLLALKTTDASNEEYSLWVY QCNSLEQAQAICKVLSTAFDSVLTSEKP

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ITGB1BP1 integrin beta 1 binding protein 1 [Homo sapiens]
Official Symbol	ITGB1BP1
Synonyms	ITGB1BP1; integrin beta 1 binding protein 1; integrin beta-1-binding protein 1; bodenin; ICAP 1A; ICAP 1alpha; ICAP 1B; ICAP1; ICAP1A; ICAP1B; integrin cytoplasmic domain associated protein 1; integrin cytoplasmic domain associated protein 1 alpha; integrin cytoplasmic domain associated protein 1 beta; ICAP-1; integrin cytoplasmic domain-associated protein 1; integrin cytoplasmic domain-associated protein 1-beta; integrin cytoplasmic domain-associated protein 1-alpha; ICAP-1A; ICAP-1B; ICAP-1alpha; DKFZp686K08158;
Gene ID	9270
mRNA Refseq	NM_004763
Protein Refseq	NP_004754

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MIM	607153
UniProt ID	O14713

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