

Recombinant Human ITGB2 protein, T7/His-tagged

Cat. No. ITGB2-181H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CD18 cDNA (23 - 700 aa, derived from BC005861) protein fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-700 a.a.
Form	0.20 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	<p>MASMTGGQQMGRGRHHHHHGNLYFQGGFELQECTKFKVSSCRECIESGPGCTW CQKLNFTGPGDPDSIRCDTRP QLLMRGCAADDIMDPTSLAETQEDHNGGQKQLSP QKVTLYLRPGQAAAFNVTFRRAKGYPIDLYLMDLSYSMLD DLRNVKKGGLLRA LNEITESGRIGFGSFVDKTVLPFVNTHPKLRNPCPNKEKECQPPFAFRHVLKLTNN SNQ FQTEVGKQLISGNLDAPEGGLDAMMQVAACPEEIGWRNVTRLLVFATDDGFH FAGDGKLGAILTPNDGRCHLEDN LYKRSNEFDYPSVGQLAHKLAENNIQPIFAVTSR MVKTYEKLTEIIPKSAVGELSESSNVVHLIKNAYNKLSSR VFLDHNALPDTLKVTYD SFCSNGVTHRNQPRGDCDGVQINVPITFQVKVTATECIQEQS FVIRALGFTDIVTVQV LPQCECRCDQSRDRSLCHGKGFLECGICRCDTGYIGKNCECQTQGRSSQELEGS CRKDNNSIICSGLGDCVCGQ CLCHTSDVPGKLIYGQYCECDTINCERYNGQVCGGP GRGLCFCGKCRCHPGFEGSACQCERTTEGCLNPRRVECS GRGRCRCNVCECHS GYQLPLCQECPCSPCGKYISCAECLKFEKGPFGKNCSAACPLQLSNNPVKGRT</p>

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CKERD SEGCWVAYTLEQQDGM DRYLIYVDESRECVAGPN

Purity >90% by SDS-PAGE.

Storage Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

Gene Name ITGB2 integrin, beta 2 (complement component 3 receptor 3 and 4 subunit) [Homo sapiens]

Official Symbol ITGB2

Synonyms ITGB2; integrin beta-2; LFA 1; MAC 1; integrin beta chain, beta 2; LAD; CD18; MF17; MF17; LCAMB; LFA-1; MAC-1;

Gene ID 3689

mRNA Refseq NM_000211

Protein Refseq NP_000202

MIM 600065

UniProt ID P05107

Chromosome Location 21q22.3

Pathway Adaptive Immune System, organism-specific biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; CXCR3-mediated signaling events, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-

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specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem;

Function

binding; glycoprotein binding; protein kinase binding; receptor activity;

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