

Recombinant Full Length Human ITGB2 Protein

Cat. No. ITGB2-280HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human CD18 protein with an N terminal proprietary tag; predicted mwt: 36.63 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	100 amino acids
Description	The product of this gene belongs to the integrin beta chain family of proteins. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. This gene encodes the integrin beta chain beta 2. A given chain may combine with multiple partners resulting in different integrins. For example, beta 2 combines with the alpha L chain to form the integrin LFA-1, and combines with the alpha M chain to form the integrin Mac-1. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Defects in this gene are the cause of leukocyte adhesion deficiency type I (LAD1). Two transcript variants encoding the same protein have been identified for this gene.
Form	Liquid
Molecular Mass	36.630kDa inclusive of tags
AA Sequence	VCECHSGYQLPLCQECPCGSPCGKYISCAECLKFEKGPFGKNCSAACPGQLQSLN NPVKGRTCKERDSEGCWVAYTLEQQDGMdryLIYVDESRECVAGP

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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 (complement component 3 receptor 3 and 4 subunit); CD18, integrin, beta 2 (antigen CD18 (p95), lymphocyte function associated antigen 1; macrophage antigen 1 (mac 1) beta subunit) , MFI7; integrin beta-2; LFA 1; MAC 1
Gene ID	3689
mRNA Refseq	NM_000211
Protein Refseq	NP_000202
MIM	600065
UniProt ID	P05107

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