

Recombinant Human ITGAL Protein, DYKDDDDK-tagged

Cat. No. ITGAL-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of Homo sapiens integrin subunit alpha L (ITGAL), transcript variant 1 (NM_002209), with a DYKDDDDK tag was expressed in human cell.
Species	Human
Source	Human Cells
Description	ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signaling. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	128.7 kDa
Endotoxin	< 0.1 ng/μg of protein (< 1 EU /μg)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!

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Storage Buffer Purified protein formulated in a sterile solution of TBS buffer, pH7.4, without any preservatives

GENE INFORMATION

Gene Name [ITGAL integrin subunit alpha L \[Homo sapiens \(human\) \]](#)

Official Symbol [ITGAL](#)

Synonyms ITGAL; integrin subunit alpha L; CD11A; LFA-1; LFA1A; integrin alpha-L; CD11 antigen-like family member A; LFA-1 alpha; LFA-1A; antigen CD11A (p180), lymphocyte function-associated antigen 1, alpha polypeptide; integrin gene promoter; integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide); leukocyte adhesion glycoprotein LFA-1 alpha chain; leukocyte function-associated molecule 1 alpha chain; lymphocyte function-associated antigen 1, alpha polypeptide

Gene ID [3683](#)

mRNA Refseq [NM_002209](#)

Protein Refseq [NP_002200](#)

MIM [153370](#)

UniProt ID [P20701](#)

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