Integrin alpha-L Recombinant Protein | Itgal recombinant protein

Recombinant Mouse Integrin alpha-L

CATALOG #	HOST
AAA114118	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Integrin alpha-L; Recombinant Mouse Integrin alpha-L; CD11 antigen-like family member A; Leukocyte adhesion glycoprotein LFA-1 alpha chain; LFA-1A; Leukocyte function-associated molecule 1 alpha chain; Lymphocyte antigen 15; Ly-15; CD11a; Itgal recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	153-325aa; Partial
Sequence	DLVFLFDGSQ SLDRKDFEKI LEFMKDVMRK LSNTSYQFAA VQFSTDCRTE FTFLDYVKQN KNPDVLLGSV QPMFLLTNTF RAINYVVAHV FKEESGARPD ATKVLVIITD GEASDKGNIS AAHDITRYII GIGKHFVSVQ KQKTLHIFAS EPVEEFVKIL DTFEKLKDLF TDL
Sequence Length	1163
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES

SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Itgal recombinant protein	Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. Is involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes. Mice expressing a null mutation of the alpha-L subunit gene donstrate impaired tumor rejection and impaired leukocytes recruitment.
References	Cloning of the murine lymphocyte function-associated molecule-1 alpha-subunit and its expression in COS cells.Kaufmann Y., Tseng E., Springer T.A.J. Immunol. 147:369-374(1991) Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S., Teague B., Potamousis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009) Sequence homology of the LFA-1 and Mac-1 leukocyte adhesion glycoproteins and unexpected relation to leukocyte interferon.Springer T.A., Teplow D.B., Dreyer W.J.Nature 314:540-542(1985)

NCBI AND UNIPROT INFORMATION

NCBI GI #	341940846

NCBI GeneID	16408
UniProt Accession #	P24063
Molecular Weight	21.7 kDa
NCBI Official Full Name	Integrin alpha-L
NCBI Official Synonym Full Names	integrin alpha L
NCBI Official Symbol	Itgal
NCBI Official Synonym Symbols	Cd11a; LFA-1; Ly-15; Ly-21; (p180); LFA-1A
NCBI Protein Information	integrin alpha-L
UniProt Protein Name	Integrin alpha-L
UniProt Gene Name	**Itgal**
UniProt Synonym Gene Names	Lfa-1; Ly-15; LFA-1A; Ly-15
UniProt Entry Name	ITAL_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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