

Recombinant Mouse ITGAL Protein (153-325 aa), His-tagged

Cat. No. ITGAL-589M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ITGAL Protein (153-325 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Mouse
Source	E.coli
ProteinLength	153-325 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	23.7 kDa
AA Sequence	DLVFLFDGSQSLDRKDFEKILEFMKDVMRKLSNTSYQFAAVQFSTDCRTEFTFLDYV KQNKNPDVLLGSVQPMFLLTNTFRAINYVVAHVFKKEESGARPDATKVLVIITDGEASD KGNISAAHDITRYIIGIGKHFVSVQKQKTLHIFASEPVVEEFVKILDTFEKLKDLFTDL
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	Itgal integrin alpha L [Mus musculus]
Official Symbol	ITGAL
Synonyms	ITGAL; Cd11a; LFA-1; Ly-15; Ly-21; (p180); LFA-1A;
Gene ID	16408
mRNA Refseq	NM_001253872
Protein Refseq	NP_001240801
UniProt ID	P24063

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