

Recombinant Mouse Itgam protein, His-tagged

Cat. No. Itgam-1800M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Itgam aa. (Asn248~Gly430 (Accession # P05555)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asn248~Gly430
Form	Freeze-dried powder
Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.7.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Itgam integrin alpha M [Mus musculus (house mouse)]
Official Symbol	Itgam
Synonyms	Itgam; integrin alpha M; CR3; CR3A; MAC1; Cd11b; Ly-40; Mac-1; Mac-1a; CD11b/CD18; F730045J24Rik; integrin alpha-M; CD11 antigen-like family member B; CD11B (p170); CR-3 alpha chain; Mac-1 alpha; cell surface glycoprotein MAC-1 alpha subunit; cell surface glycoprotein MAC-1 subunit alpha; complement component receptor 3 alpha-a; complement receptor type 3; leukocyte adhesion receptor MO1; macrophage antigen alpha
Gene ID	16409
mRNA Refseq	NM_001082960.1

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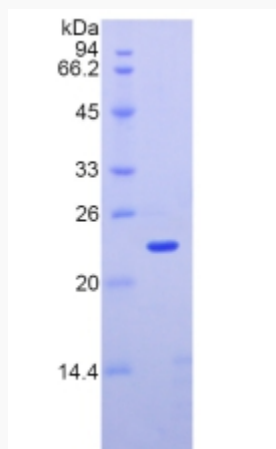
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Protein Refseq NP_001076429.1

UniProt ID P05555

SDS-PAGE



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