

Recombinant Rat Itgam protein, His-tagged

Cat. No. Itgam-1802R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Itgam aa. (Phe870~Pro1004 (Accession # G3V8L7)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Phe870~Pro1004
Description	Mouse homolog is an integrin alpha subunit that interacts with integrin beta 2 subunit to form Mac-1; involved in immune response.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate 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.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

[Itgam integrin subunit alpha M \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Itgam](#)

Synonyms

Itgam; integrin subunit alpha M; Cd11b; integrin alpha-M; integrin, alpha M

Gene ID

[25021](#)

mRNA Refseq

[NM_012711.1](#)

Protein Refseq

[NP_036843.1](#)

UniProt ID

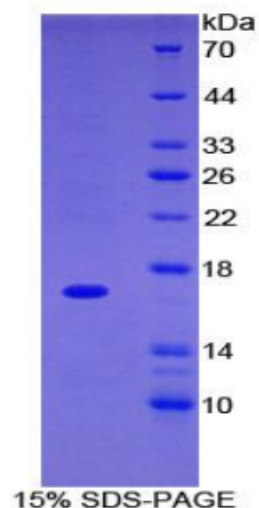
[G3V8L7](#)

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SDS-PAGE



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