

Recombinant Rat Itgb2 protein, His & T7-tagged

Cat. No. Itgb2-7146R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Itgb2 aa. (Val415~Gln678 (Accession # NM_001037780.2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val415~Gln678
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.5.
Applications	SDS-PAGE; WB; ELISA; IP.
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.

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

[Itgb2 integrin subunit beta 2 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Itgb2](#)

Synonyms

Itgb2; integrin subunit beta 2; Cd18; integrin beta-2; CD18 leukocyte adhesion molecule; integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1; integrin, beta 2 (antigen CD18 (p95), lymphocyte function-associated antigen 1; macrophage antigen 1 (mac-1) beta subunit); macrophage antigen 1 (mac-1) beta subunit)

Gene ID

[309684](#)

mRNA Refseq

[NM_001037780.2](#)

Protein Refseq

[NP_001032869.2](#)

UniProt ID

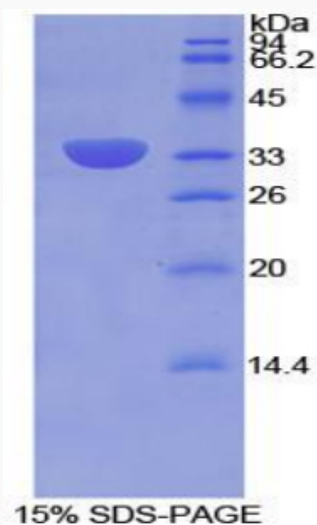
[B2RYB8](#)

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SDS-PAGE



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