

Recombinant Mouse Itgae protein, His & T7-tagged

Cat. No. Itgae-6960M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Itgae aa. (Val671~Gln917 (Accession # Q60677)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val671~Gln917
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in ddH ₂ O.

GENE INFORMATION

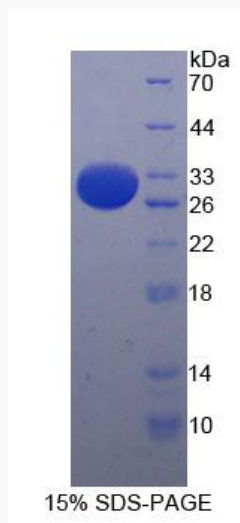
Gene Name	Itgae integrin alpha E, epithelial-associated [<i>Mus musculus</i> (house mouse)]
Official Symbol	Itgae
Synonyms	Itgae; integrin alpha E, epithelial-associated; CD103; aM290; alpha-E1; A530055J10; alpha-M290; integrin alpha-E; integrin alpha M290
Gene ID	16407
mRNA Refseq	NM_008399.2
Protein Refseq	NP_032425.2
UniProt ID	Q60677

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SDS-PAGE



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