

## Recombinant Mouse Itgae protein, His & T7-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Itgae aa. (Val671~Gln917 (Accession # Q60677)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val671~Gln917
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 31.7kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 5.9.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	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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<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
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<b>Storage buffer</b>	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
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<b>Reconstitution</b>	Reconstitute in ddH <sub>2</sub> O.
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## GENE INFORMATION

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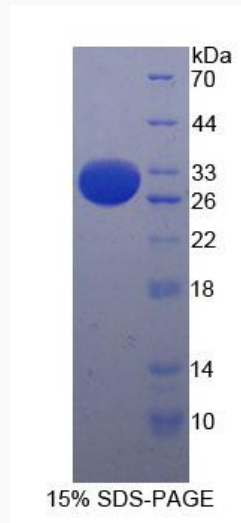
<b>UniProt ID</b>	Q60677
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**SDS-PAGE**



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