

## Recombinant Mouse Itga11 Protein, His-tagged

**Cat. No.** Itga11-1694M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Itga11 Protein (Asp164-Leu345) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp164-Leu345
<b>Description</b>	Predicted to enable collagen binding activity involved in cell-matrix adhesion and collagen receptor activity. Acts upstream of or within substrate-dependent cell migration. Predicted to be located in focal adhesion. Predicted to be part of integrin alpha11-beta1 complex. Is expressed in brain meninges; hindlimb digit mesenchyme; skeleton; tail paraxial mesenchyme; and thymus primordium. Human ortholog(s) of this gene implicated in pancreatic cancer. Orthologous to human ITGA11 (integrin subunit alpha 11).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 24.2 kDa Accurate Molecular Mass: 26 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<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 centigrade 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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Itga11 integrin alpha 11 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Itga11</a>
<b>Synonyms</b>	ITGA11; integrin alpha 11; integrin alpha-11; integrin a11; 4732459H24Rik;
<b>Gene ID</b>	<a href="#">319480</a>
<b>mRNA Refseq</b>	<a href="#">NM_176922</a>
<b>Protein Refseq</b>	<a href="#">NP_795896</a>
<b>UniProt ID</b>	<a href="#">P61622</a>

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