

Recombinant Mouse Itga11 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Itga11 Protein (Asp164-Leu345) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp164-Leu345
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.2 kDa Accurate Molecular Mass: 26 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Itga11 integrin alpha 11 [Mus musculus (house mouse)]
Official Symbol	Itga11
Synonyms	ITGA11; integrin alpha 11; integrin alpha-11; integrin a11; 4732459H24Rik;
Gene ID	319480
mRNA Refseq	NM_176922
Protein Refseq	NP_795896
UniProt ID	P61622

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