Recombinant Mouse Itga1 protein, His-tagged

Cat. No. Itga1-6798M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Itga1 aa. (Ile103~Gln368) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile103~Gln368
Form	Freeze-dried powder
Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.2.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.

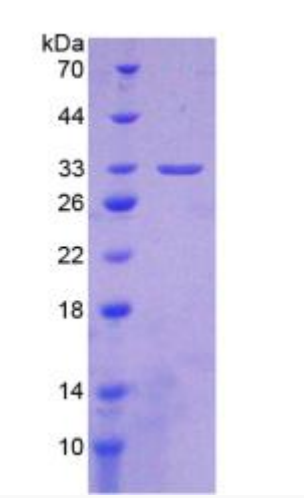
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Itga1 integrin alpha 1 [Mus musculus (house mouse)]
Official Symbol	Itga1
Synonyms	Vla1; CD49A; E130012M19Rik; CD49 antigen-like family member A; VLA-1; laminin and collagen receptor; integrin alpha-1
Gene ID	109700
mRNA Refseq	NM_001033228.3
Protein Refseq	NP_001028400.2
UniProt ID	Q3V3R4

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SDS-PAGE	

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