

Recombinant Human LAD1 protein, His & GST-tagged

Cat. No. LAD1-7886H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LAD1 aa. (Met1~Glu192 (Accession # O00515)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Glu192
Description	The protein encoded by this gene may be an anchoring filament that is a component of basement membranes. It may contribute to the stability of the association of the epithelial layers with the underlying mesenchyme.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.1kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 6.7.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
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 sterile ddH ₂ O.

GENE INFORMATION

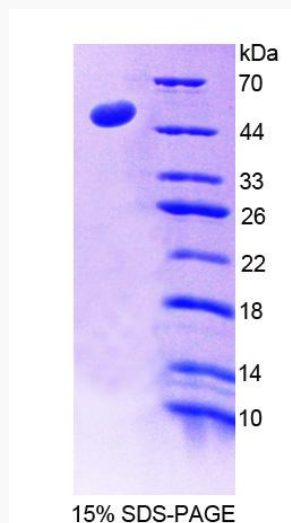
Gene Name	LAD1 ladinin 1 [Homo sapiens (human)]
Official Symbol	LAD1
Synonyms	LAD1; ladinin 1; LadA; ladinin-1; lad-1; linear IgA bullous dermatosis antigen; linear IgA disease antigen homolog
Gene ID	3898
mRNA Refseq	NM_005558.3
Protein Refseq	NP_005549.2
UniProt ID	O00515

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SDS-PAGE



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