

# Recombinant Mouse Itln1 protein, His-tagged

**Cat. No.** Itln1-5637M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Itln1 aa. (Arg28~Gly270) fused with N-terminal His tag was produced in E. coli cells.                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | Arg28~Gly270                                                                                                                                                                                                                                                |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 30kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                        |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                        |
| <b>Characteristic</b>   | The isoelectric point is 8.8.                                                                                                                                                                                                                               |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.                                                                                                                                                                      |
| <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 |

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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.

**Concentration**

200µg/mL

**Storage buffer**

PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

**Reconstitution**

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

[Itln1](#) [intelectin 1 \(galactofuranose binding\)](#) [ [Mus musculus \(house mouse\)](#) ]

**Official Symbol**

[Itln1](#)

**Synonyms**

[Itln1](#); [intelectin 1 \(galactofuranose binding\)](#); [Lfr](#); [IntL](#); [Itln](#); [Itln2](#); [Itln3](#); [Itln5](#); [Itlna](#); [intelectin-1a](#); [calcium-dependent galactosyl-specific lectin](#); [galactofuranose-binding lectin](#); [intelectin 2](#); [intelectin 5](#); [intelectin a](#); [intestinal lactoferrin receptor](#); [truncated intelectin 3](#)

**Gene ID**

[16429](#)

**mRNA Refseq**

[NM\\_010584.3](#)

**Protein Refseq**

[NP\\_034714.1](#)

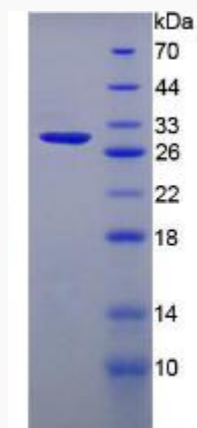
**UniProt ID**

[O88310](#)

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**SDS-PAGE**

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