

## Recombinant Rat Itsn1 protein, His & T7-tagged

Cat. No. Itsn1-7873R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Itsn1 aa. (Met1~Gln227 (Accession # Q9WVE9)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1~Gln227
<b>Description</b>	Binds to dynamin and SNAP-25; may be involved in exocytosis.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 27.6kDa.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>90%
<b>Characteristic</b>	The isoelectric point is 9.8.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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

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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.

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage Buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Itsn1 intersectin 1 [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	<a href="#">Itsn1</a>
<b>Synonyms</b>	Itsn1; intersectin 1; Itsn; intersectin-1; EH domain and SH3 domain regulator of endocytosis 1; intersectin 1 (SH3 domain protein 1A); intersectin 1 (SH3 domain protein)
<b>Gene ID</b>	<a href="#">29491</a>
<b>mRNA Refseq</b>	<a href="#">NM_019227.1</a>
<b>Protein Refseq</b>	<a href="#">NP_062100.1</a>
<b>UniProt ID</b>	<a href="#">Q9WVE9</a>

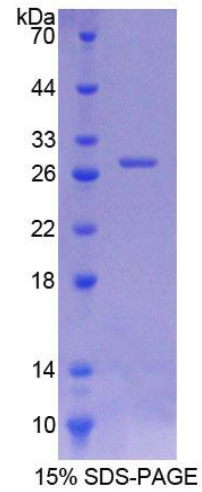
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SDS-PAGE



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