

Recombinant Mouse Itsn2 Protein, His&GST-tagged

Cat. No. Itsn2-1704M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Itsn2 Protein (Met1-Ala290) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ala290
Description	Predicted to enable molecular adaptor activity. Predicted to be involved in clathrin-dependent synaptic vesicle endocytosis and positive regulation of dendrite extension. Predicted to act upstream of or within cell differentiation. Predicted to be located in centrosome. Predicted to be active in several cellular components, including clathrin-coated pit; intracellular vesicle; and presynaptic membrane. Is expressed in several structures, including endocrine gland; ileum; male reproductive gland or organ; nervous system; and thymus. Used to study nephrotic syndrome. Orthologous to human ITSN2 (intersectin 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 60.8 kDa Accurate Molecular Mass: 61 kDa
Purity	> 90%

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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 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	<i>Itsn2</i> intersectin 2 [<i>Mus musculus</i> (house mouse)]
Official Symbol	<i>Itsn2</i>
Synonyms	ITSN2; intersectin 2; SWA; SWAP; SH3D1B; SH3P18; PRO2015; intersectin-2; SH3 domain-containing protein 1B; SH3P18-like WASP-associated protein
Gene ID	20403
mRNA Refseq	NM_011365
Protein Refseq	NP_035495
UniProt ID	Q9Z0R6

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