

Recombinant Human SNX9 protein, His & T7-tagged

Cat. No. SNX9-1367H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SNX9 aa. (Phe250~Met595 (Accession # Q9Y5X1) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Phe250~Met595
Description	This gene encodes a member of the sorting nexin family. Members of this family contain a phosphoinositide binding domain, and are involved in intracellular trafficking. The encoded protein does not contain a coiled coil region, like some family members, but does contain a SRC homology domain near its N-terminus. The encoded protein is reported to have a variety of interaction partners, including of adaptor protein 2 , dynamin, tyrosine kinase non-receptor 2, Wiskott-Aldrich syndrome-like, and ARP3 actin-related protein 3. The encoded protein is implicated in several stages of intracellular trafficking, including endocytosis, macropinocytosis, and F-actin nucleation.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.8kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Purity	>95%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP.
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 PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	SNX9 sorting nexin 9 [Homo sapiens (human)]
Official Symbol	SNX9
Synonyms	SNX9; sorting nexin 9; SDP1; WISP; SH3PX1; SH3PXD3A; sorting nexin-9; SH3 and PX domain-containing protein 1; SH3 and PX domain-containing protein 3A; Wiskott-Aldrich syndrome protein (WASP) interactor protein
Gene ID	51429

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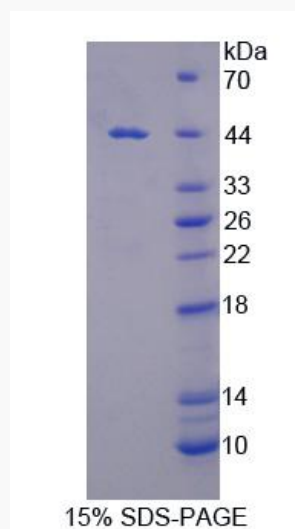
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mRNA Refseq [NM_016224.4](#)

Protein Refseq [NP_057308.1](#)

UniProt ID [Q9Y5X1](#)

SDS-PAGE



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