

# Recombinant Human SNX9 protein, His-tagged

**Cat. No.** SNX9-3536H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SNX9 protein(1-362 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-362 aa                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                                                                                            |
| <b>AA Sequence</b>      | MATKARVMYDFAAEPGNNELTVNEGEIITITNPDVGGGWLEGRNIKGERGLVPTDYV<br>EILPSDGKDQFSCGNSVADQAFLDSLSTAHASSSAASNNHQVSGSGNDPWSAWS<br>ASKSGNWESSEGWGAQPEGAGAQRNTNTPNNWDATFGHPQAYQGPATGDDDD<br>WDEDWDGPKSSSYFKDSEADAGGAQRGNSRASSSSMKIPLNKFPGFAPGTEQ<br>YLLAKQLAKPKEKIPIVGDYGPMWVYPTSTFDCVVADPRKGSKMYGLKSYIEYQLTP<br>TNTNRSVNHRYKHFDWLYERLLVKFGSAIPIPSLPDKQVTGRFEEEFIKMRMERLQA<br>WMTRMCRHPVISESEVFQQFLNFRDEKEW |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer                                                                                                                                                                                                                                                       |

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.  
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** SNX9 sorting nexin 9 [ Homo sapiens ]

**Official Symbol** SNX9

**Synonyms**

SNX9; sorting nexin 9; sorting nexin-9; SDP1; SH3PX1; SH3PXD3A; SH3 and PX domain-containing protein 1; SH3 and PX domain-containing protein 3A; SH3 and PX domain-containing protein SH3PX1; Wiskott-Aldrich syndrome protein (WASP) interactor protein; WISP; MST155; MSTP155;

**Gene ID** 51429

**mRNA Refseq** NM\_016224

**Protein Refseq** NP\_057308

**MIM** 605952

**UniProt ID** Q9Y5X1

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