



# Recombinant Human Sorting nexin-15 (SNX15)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-MP882091HU  |
| <b>Abbreviation</b>      | SNX15   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | Q9NRS6  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MSRQAKDDFL RHYTVSDPRT HPGGYTEYKV TAQFISKKDP EDVKEVVVWK<br>RYSDFRKLHG DLAYTHRNLF RRLEEFPAFP RAQVFGRFEA SVIEERRKGA<br>EDLLRFTVHI PALNNSPQLK EFFRGGEVTR PLEVSRDLHI LPPPLIPTPP<br>PDDPRLSQLL PAERRGLEEL EVPVDPPPSS PAQEALDLLF NCESTEEASG<br>SPARGPLTEA ELALFDPFSK EEGAAPSPTH VAELATMEVE SARLDQEPWE<br>PGGQEEEEEDG EGGTPPAYLS QATELITQAL RDEKAGAYAA ALQGYRDGVH<br>VLLQGVPSDP LPARQEGVKK KAAEYLKRAE EILRLHLSQL PP   |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | SNX15   |
| <b>Protein Names</b>     | Recommended name: Sorting nexin-15  |
| <b>Expression Region</b> | 1-342   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | full length protein   |
| <b>Target Details</b>    | This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. Overexpression of this gene results in a decrease in the processing of insulin and hepatocyte growth factor receptors to their mature subunits. This decrease is caused by the mislocalization of furin, the endoprotease responsible for cleavage of insulin and hepatocyte growth factor receptors. This protein is involved in endosomal trafficking from the plasma membrane to recycling endosomes or the trans-Golgi network. This gene encodes two transcript variants encoding distinct isoforms. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.   |



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