

Cat. No. SNX27-3969H Lot. No. (See product label)

Product Overview

SNX27 MS Standard C13 and N15-labeled recombinant protein (NP_112180) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Human

HEK293

This gene encodes a member of the sorting nexin family, a diverse group of cytoplasmic and membrane-associated proteins involved in endocytosis of plasma membrane receptors and protein trafficking through these compartments. All members of this protein family contain a phosphoinositide binding domain (PX domain). A highly similar protein in mouse is responsible for the specific recruitment of an isoform of serotonin 5-hydroxytryptamine 4 receptor into early endosomes, suggesting the analogous role for the human protein.

59.6 kDa

MADEDGEGIHPSAPHRNGGGGGGGGSLHCAGNGGGGGGGPRVVRIVKSESGY
GFNVRGQVSEGGQLRSINGELYAPLQHVS AVLPGGAADRAGVRKGDRILEVNHVNV
EGATHKQVVDLIRAGEKELILTVLSVPPHEADNLDPSSDSLQSFYDYTEKQAVPISV
PRYKHVEQNGEKFVVYNVYMAGRQLCSKRYREFAILHQNLKREFANFTFPRLPGKW
PFSLSEQQLDARRRGLEEYLEKVC SIRVIGESDIMQEFLSESDENYNGVSDVELRVA
LPDGTTVTVRVKKNSTTDOVYOAAIAKVGMDSTTVNYFALFEVISHSFVRKLAPNEF

PHKLYIQNYTSAVPGTCLTIRKWLFTTEEEILLNDNDLAVTYFFHQAVDDVKKGYIKAE
EKS YQLQKLYEQRKMYLNLRTCEGYNEIIFPHCACDSRRKGHVITAISITHFKLH
ACTEEGQLENQVIAFEWDEMQRWDTDEEGMAFCFEYARGEKKPRWVKIFTYPYFNY
MHECFERVFCELKWRKEEYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SNX27 sorting nexin family member 27 [Homo sapiens (human)]

Official Symbol SNX27

Synonyms SNX27; sorting nexin family member 27; sorting nexin-27; KIAA0488; MGC20471; MY014; methamphetamine-responsive transcript 1; MRT1; MGC126871; MGC126873;

Gene ID 81609

mRNA Refseq NM_030918

Protein Refseq NP_112180

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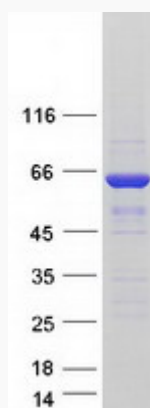
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MIM 611541

UniProt ID Q96L92

SDS-PAGE



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