

Product datasheet for PH321829

SNX5 (NM_152227) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | SNX5 MS Standard C13 and N15-labeled recombinant protein (NP_689413) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC221829 |
| Predicted MW: | 46.8 kDa |
| Protein Sequence: | >RC221829 protein sequence Red=Cloning site Green=Tags(s) |

MAAVPELLQQQEEDRSKLRVSVVDLNVDPQLIDIPDALSERDKVKFTVHTKTTLPFQSPEFSVTRQHE
DFVWLHDTLIETTDYAGLIIPPAPTKPDFDGPREKMQKLGEGEGSMTKEEFKMKQLEAEYLAVFKKTV
SSHEVFLQRLSSHPVLSKDRNFHVFLFYDQDLSVRRKNTKEMFGGFKSVYKSADEVLFITGVKEVDDFFE
QEKNFLINYYNRKIDSCVKADKMRSHKNVADDYIHTAACLHSLALEEPTVIKKYLLKVAELFEKLRKVE
GRVSSDEDLKLTELLRYMLNIEAAKDLLYRRTKALIDYENSNKALDKARLKSKDVKLAEAHQEQECCQKF
EQLSESAKEELINFKRKRVAEFRKNLIEMSELEIKHARNNVSLQLQSCIDLFKNN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|------------------|--|
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | <u>NP_689413</u> |
| RefSeq Size: | 2308 |
| RefSeq ORF: | 1212 |
| Locus ID: | 27131 |
| UniProt ID: | <u>Q9Y5X3</u> |

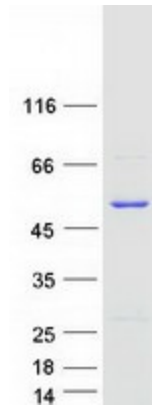


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Cytogenetics: 20p11.23

Summary: 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. This protein functions in endosomal sorting, the phosphoinositide-signaling pathway, and macropinocytosis. This gene may play a role in the tumorigenesis of papillary thyroid carcinoma. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2013]

Product images:



Coomassie blue staining of purified SNX5 protein (Cat# [TP321829]). The protein was produced from HEK293T cells transfected with SNX5 cDNA clone (Cat# [RC221829]) using MegaTran 2.0 (Cat# [TT210002]).