

Product datasheet for PH302179

SNAP29 (NM_004782) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | SNAP29 MS Standard C13 and N15-labeled recombinant protein (NP_004773) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC202179 |
| Predicted MW: | 29 kDa |
| Protein Sequence: | >RC202179 protein sequence Red=Cloning site Green=Tags(s) MSAYPKSYNPFDDGEGEGARPAPWRDARDLPDGPADADRQQYLRQEVLRRAEATAASTSRSLALMYES EKVGVASSEELARQRGVLERTEKMVDKMDQDLKISQKHINSIKSVFGGLVNYFKSKPVETPPEQNGTLTS QPNNRLKEAISTKEQEAKYQASHPNLRKLDLDDTPVPRGAGSAMSTDAYPKNPHLRAYHQKIDSNLDELS MGLGRLKDIALGMQTEIEEQDDILDRLTTKVDKLDVNIKSTERKVRQL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| 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: | NP_004773 |
| RefSeq Size: | 4277 |
| RefSeq ORF: | 774 |
| Synonyms: | CEDNIK; SNAP-29 |
| Locus ID: | 9342 |
| UniProt ID: | O95721 |



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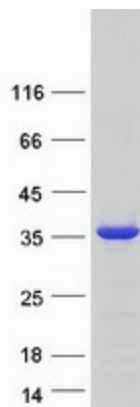
Cytogenetics: 22q11.21

Summary: This gene, a member of the SNAP25 gene family, encodes a protein involved in multiple membrane trafficking steps. Two other members of this gene family, SNAP23 and SNAP25, encode proteins that bind a syntaxin protein and mediate synaptic vesicle membrane docking and fusion to the plasma membrane. The protein encoded by this gene binds tightly to multiple syntaxins and is localized to intracellular membrane structures rather than to the plasma membrane. While the protein is mostly membrane-bound, a significant fraction of it is found free in the cytoplasm. Use of multiple polyadenylation sites has been noted for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: SNARE interactions in vesicular transport

Product images:



Coomassie blue staining of purified SNAP29 protein (Cat# [TP302179]). The protein was produced from HEK293T cells transfected with SNAP29 cDNA clone (Cat# [RC202179]) using MegaTran 2.0 (Cat# [TT210002]).