

Product datasheet for PH307749

SNPH (NM_014723) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | SNPH MS Standard C13 and N15-labeled recombinant protein (NP_055538) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC207749 |
| Predicted MW: | 53.5 kDa |
| Protein Sequence: | >RC207749 protein sequence Red=Cloning site Green=Tags(s) |

MAMSLPGSRRRTSAGSRRRTSPPVSVRDAYGTSSLSSSSNSGSYKGS DSSPTPRRSMKYTLCSDNHGKPP
TPEQYL TPLQQKEVCIRHLKARLKDTQDRLQDRDTEIDDLKTQLSRMQEDWIEEECHRVEAQLALKEARK
EIKQLKQVIDTVKNNLIDKDKGLQKYFVDINIQNKKLETLHLSMEVAQNGMAKEDGTGESAGGSPARSLT
RSSTYTKLSDPAVCGDRQPGDPSSGSAEDGADSGFAAADDTL SRTDALEASSLLSSGVDCGTEETSLHSS
FGLGPRFPASNTYEKLLCGMEAGVQASCMQERAIQTDFVQYQPDLDLTILEKVTQAQVCGTDPESGDRCP
LDAHPSGPRDPNSAVVVTVGDELEAPEPITRGPTPQRPGANPNPGQSVSVVCPMEEEEEAAVAEKEPKSY
WSRHYIVDLLAVVVPVAVPTVAWLCRSQRRQGQPIYNISSLLRGCTVALHSIRRI SCRSLSQPSPSPAGG
GSQL

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: | <u>NP_055538</u> |
| RefSeq Size: | 5026 |
| RefSeq ORF: | 1482 |



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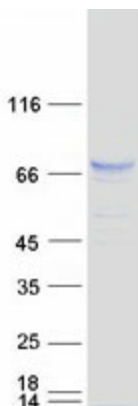
Locus ID: 9751

UniProt ID: [O15079](#)

Cytogenetics: 20p13

Summary: Syntaxin-1, synaptobrevin/VAMP, and SNAP25 interact to form the SNARE complex, which is required for synaptic vesicle docking and fusion. The protein encoded by this gene is membrane-associated and inhibits SNARE complex formation by binding free syntaxin-1. Expression of this gene appears to be brain-specific. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]

Product images:



Coomassie blue staining of purified SNPH protein (Cat# [TP307749]). The protein was produced from HEK293T cells transfected with SNPH cDNA clone (Cat# [RC207749]) using MegaTran 2.0 (Cat# [TT210002]).