

Product datasheet for PH302628

SYT17 (NM_016524) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SYT17 MS Standard C13 and N15-labeled recombinant protein (NP_057608)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202628
Predicted MW:	53.8 kDa
Protein Sequence:	>RC202628 protein sequence Red =Cloning site Green =Tags(s)

MAYIQLEPLNEGFLSRISGLLLCRWTCRHCCQKCYESSCCQSSSEDEVEILGPFPAPTTPWLMASRSSDKD
 GDSVHTASEVPLTPRTNSPDGRRSSDTSKSTYSLTRRISSLESRRPSSPLIDIKPIEFGVLSAKKEPIQ
 PSVLRRTYNPDYFRKFEPHLYSLDSNDDVDSLTDDEILSKYQLGMLHFSTQYDLLHNHLTVRVIEARD
 LPPPIHDGSRQDMAHSNPYVKICLLPDQKNSKQTGVKRKTQKPVFEERYTFEIPFLEAQRRTLLLTVD
 FDKFSRHCVIGKVSPLCEVDLVKGGHWWKALIPSSQNEVELGELLLSLNYLPSAGRLNVDVIRAKQLLQ
 TDVSQGSDFVKIQLVHGLKLVTKKTSFLRGIDPFYNESFSFKVPQEELNASLVFTVFGHNMKSSND
 FIGRIVIGQYSSGPSETNHWRMLNTHRTAVEQWHSLSRAECDRVSPASLEV

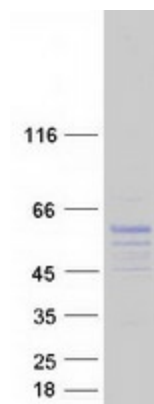
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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_057608</u>
RefSeq Size:	1912
RefSeq ORF:	1422
Synonyms:	Syt-17; sytXVII


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Locus ID: 51760
UniProt ID: [Q9BSW7](#)
Cytogenetics: 16p12.3
Summary: Plays a role in dendrite formation by melanocytes (PubMed:23999003).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SYT17 protein (Cat# [TP302628]). The protein was produced from HEK293T cells transfected with SYT17 cDNA clone (Cat# [RC202628]) using MegaTran 2.0 (Cat# [TT210002]).