

Product datasheet for PH305675

Rabphilin 3A (RPH3A) (NM_014954) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RPH3A MS Standard C13 and N15-labeled recombinant protein (NP_055769)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205675
Predicted MW:	76.4 kDa
Protein Sequence:	>RC205675 protein sequence Red=Cloning site Green=Tags(s)

MTDITVFSNSSNRWMPSPDRPLQSKLQAGWSVHPGGQPDQRKQEELTDEEKEIINRVIARAEMEEQE
RIGRLVDRLENMRKNVAGDGVNRCILCGEQLGMLGSACVVCEDCKKNVCTKCGVETNNRLHSVWLCKICI
EQREVWKRSGAWFFKGFPKQVLPQPMPIKKTQPPVSEPAPEQPAPEPKHAPAPARGDSEDRRPGQ
KTGPDPAAPGRGNYGPPVRRASEARMSSSRDSESWDHSGGAGDSSRSPAGLRRANSVQASRPAGSVQ
SPAPPQPGQPGTPGGSRPGPAGRFPDQKPEVAPSDPGTTAPPREERTGGVGGYPAVGAREDRMSPSG
PYSQASAAAPQAAAQPPPEEEEEANSYDSDEATTLGALEFSLLYDQDNSSLQCTI IKAAGLKPMD
NGLADPYVKLHLLPGASKSNKLRTKTLRNTRNPIWNETLVYHGITDEDMQRKTLRISVCDEDKFGHNEFI
GETRFLSKKLKPNQRKNFNICLERVIPMKRAGTTGSARGMALYEEQVERVGDIEERGKILVSLMYSTQQ
GGLIVGIIRCIVHLAAMDANGYSDPFVKLWLPDMGKKAKHKTQIKKKTLNPEFNEEFFYDIKHSDLAKKS
LDISVWDYDIGKSNDYIGGCQLGISAKGERLKHWECLKNKDKKIERWHQLQENHVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

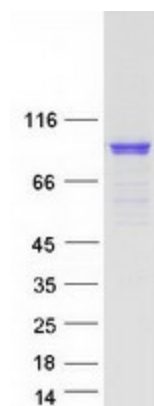
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_055769</u>
RefSeq Size:	4593



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RefSeq ORF:	2070
Locus ID:	22895
UniProt ID:	Q9Y2J0
Cytogenetics:	12q24.13
Summary:	The protein encoded by this gene is thought to be an effector for RAB3A, which is a small G protein that acts in the late stages of neurotransmitter exocytosis. The encoded protein may be involved in neurotransmitter release and synaptic vesicle traffic. [provided by RefSeq, Dec 2016]

Product images:



Coomassie blue staining of purified RPH3A protein (Cat# [TP305675]). The protein was produced from HEK293T cells transfected with RPH3A cDNA clone (Cat# [RC205675]) using MegaTran 2.0 (Cat# [TT210002]).