

Product datasheet for PH304592

RAB3IL1 (NM_013401) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAB3IL1 MS Standard C13 and N15-labeled recombinant protein (NP_037533)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204592
Predicted MW:	42.6 kDa
Protein Sequence:	>RC204592 protein sequence Red=Cloning site Green=Tags(s)

MWSGPPQPDQGLPPPLAAMPVVPWKSTDPQCQGHRESPGALVETSAGEEAQGGEGPAAAQLDVLRLRSSSME
IREKGSEFLKEELHRAQKELKLDDEECERL SKVREQLQEQLEELTASLFEEAHKMYREANMKQAASEKQL
KEARGKIDMLQAEVTALKTLVITSTPASPENRELHPQLLSPTKAGPRKGHSRHKSTSSTLCPAVCPAAGHT
LTPDREGKEVDITLFAEFQAWRESPTLDKTCPFLE RVYREDVGPCLDFTMQELSVLVRAAVEDNTLTIEP
VASQTLPTVKVAEVDCCSSTNTCALSGLTRTCRHRIRLGDGSKSHYYISPSSRARITAVCNFFTYIRYIQQG
LVRQDAEPMFWEIMRLRKEMSLAKLGFFPQEA

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_037533
RefSeq Size:	2392
RefSeq ORF:	1146
Synonyms:	GRAB
Locus ID:	5866



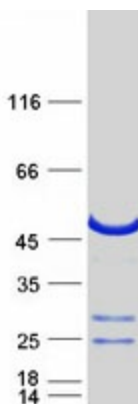
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UniProt ID: [Q8TBN0](#)

Cytogenetics: 11q12.2-q12.3

Summary: This gene encodes a guanine nucleotide exchange factor for the ras-related protein Rab3A. The encoded protein binds Rab3a and the inositol hexakisphosphate kinase InsP6K1. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 7. [provided by RefSeq, Nov 2012]

Product images:



Coomassie blue staining of purified RAB3IL1 protein (Cat# [TP304592]). The protein was produced from HEK293T cells transfected with RAB3IL1 cDNA clone (Cat# [RC204592]) using MegaTran 2.0 (Cat# [TT210002]).