

Product datasheet for PH305024

RABL3 (NM_173825) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RABL3 MS Standard C13 and N15-labeled recombinant protein (NP_776186)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205024
Predicted MW:	26.3 kDa
Protein Sequence:	>RC205024 protein sequence Red=Cloning site Green=Tags(s) MASLDRVKVLVLGDSGVGKSSLVHLLCQNQVLGNPSWTVGCSVDVRVHDYKEGTPEEKTCYIELWDVGGSVGSASSVKSTRAVFYNSVNGIIFVHDLTNKKSSQNLRRWSLEALNRDLVPTGVLVTNGDYDQE QFADNQI PLLVIGTKLDQIHETKRHEVLTTAFLAEDFNPEEINLDCTNPRYLAAGSSNAVKLSRFFDKVIEKRYFL REGNQIPGFPDRKRFAGTLKSLHYD 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_776186
RefSeq Size:	3883
RefSeq ORF:	708
Synonyms:	PNCA5
Locus ID:	285282
UniProt ID:	Q5HYI8



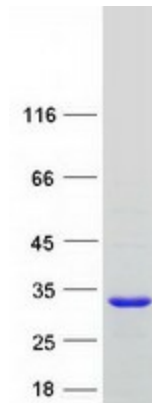
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Cytogenetics: 3q13.33

Summary: Required for KRAS signaling regulation and modulation of cell proliferation (PubMed:31406347). Regulator of KRAS prenylation, and probably prenylation of other small GTPases (PubMed:31406347). Required for lymphocyte development and function (By similarity). Not required for myeloid cell development (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified RABL3 protein (Cat# [TP305024]). The protein was produced from HEK293T cells transfected with RABL3 cDNA clone (Cat# [RC205024]) using MegaTran 2.0 (Cat# [TT210002]).