

Product datasheet for PH322162

Rab11 (RAB11B) (NM_004218) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RAB11B MS Standard C13 and N15-labeled recombinant protein (NP_004209)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222162
Predicted MW:	24.5 kDa
Protein Sequence:	>RC222162 protein sequence Red=Cloning site Green=Tags(s) MGTRDDEYDYLFKVVLIGDSGVGKSNLLSRFTRNEFNLESKSTIGVEFATRISIQVDGKTIKAQIWDTAGQ ERYRAITSAYYRGAVGALLVYDIAKHLTYENVERWLKELRDHADSNIIVMLVGNKSDLRHLRAVPTDEAR AFAEKNNLSFIETSALDSTNVEEAFKNILTEIYRIVSQKQIADRAAHDESPGNNVVDISVPPTTDGQKPN KLQCCQNL 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:	NP_004209
RefSeq Size:	1635
RefSeq ORF:	654
Synonyms:	H-YPT3; NDAGSCW
Locus ID:	9230
UniProt ID:	Q15907



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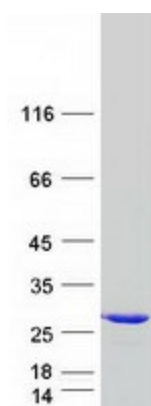
Cytogenetics: 19p13.2

Summary: The Ras superfamily of small GTP-binding proteins, which includes the Ras (see MIM 190020), Ral (see MIM 179550), Rho (see MIM 165390), Rap (see MIM 179520), and Rab (see MIM 179508) families, is involved in controlling a diverse set of essential cellular functions. The Rab family, including RAB11B, appears to play a critical role in regulating exocytotic and endocytotic pathways (summary by Zhu et al., 1994 [PubMed 7811277]).[supplied by OMIM, Nov 2010]

Protein Families: Druggable Genome

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified RAB11B protein (Cat# [TP322162]). The protein was produced from HEK293T cells transfected with RAB11B cDNA clone (Cat# [RC222162]) using MegaTran 2.0 (Cat# [TT210002]).