

Product datasheet for PH326508

RAB34 (NM_001144943) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | RAB34 MS Standard C13 and N15-labeled recombinant protein (NP_001138415) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC226508 |
| Predicted MW: | 35 kDa |
| Protein Sequence: | >RC226508 representing NM_001144943 Red=Cloning site Green=Tags(s) |

MSHLPGLELRREAPLLGPLLSPFPLPAGSWHRQMLRSSLRFPITNSAGAPCKAAGRNMNIALPVRRDRVL
AELPQCLRKEAALHGKDFHPRVTCACQEHRGTGVGFKISKVIVVGDLSVGKTCLINRFCKDTDFDKNYKA
TIGVDFEMERFEVLGIPFSLQLWDTAGQERFKCIASYRGAQAIIVFNLNDVASLEHTKQWLADALKE
NDPSSVLLFLVGSKKDLSTPAQYALMEKDALQVAQEMKAEYWAVSSLTGENVREFFFRVAALTFEANVLA
ELEKSGARRIGDVVRINSDDSNLYLTASKKKPTCCP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| 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_001138415 |
| RefSeq ORF: | 948 |
| Synonyms: | NARR; RAB39; RAH |
| Locus ID: | 83871 |
| UniProt ID: | B4DNC0 |



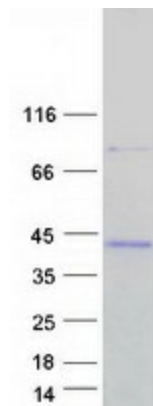
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Cytogenetics: 17q11.2

Summary: This gene encodes a protein belonging to the RAB family of proteins, which are small GTPases involved in protein transport. This family member is a Golgi-bound member of the secretory pathway that is involved in the repositioning of lysosomes and the activation of macropinocytosis. Alternative splicing of this gene results in multiple transcript variants. An alternatively spliced transcript variant produces the nine-amino acid residue-repeats (NARR) protein, which is a functionally distinct nucleolar protein resulting from a different reading frame. [provided by RefSeq, Dec 2016]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RAB34 protein (Cat# [TP326508]). The protein was produced from HEK293T cells transfected with RAB34 cDNA clone (Cat# [RC226508]) using MegaTran 2.0 (Cat# [TT210002]).