

Product datasheet for PH309092

carabin (TBC1D10C) (NM_198517) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TBC1D10C MS Standard C13 and N15-labeled recombinant protein (NP_940919)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209092
Predicted MW:	49.7 kDa
Protein Sequence:	>RC209092 protein sequence Red=Cloning site Green=Tags(s)

MAQALGEDLVQPPELQDDSSSLGSDSELSGPGPYRQADRYGFIGGSSAEPGPGHPPADLIRQREMKWVEM
TSHWEKMSRRYKVKMQCRKGI PSALRARCWPLL CGAHVCQKNSPGTYQELAEAPGDPQWMETIGRDLH
RQFPLHEMFVSPQGHGQQGLLQVLKAYTLRPEQGYCQAQGPVAAVLLMHLPEEAFWCLVQICEVYLP
YYPHMEAVRLDAEVFALLRRLPHVHKHLQQVGVGPLL LYLPEWFLCLFARSLPFPTVLRVWDAFLSEG
ARVLFVRVGLTLVRLALGTAEQRGACPLLETLGALRAIPPAQLQEEAFMSQVHSVVL SERDLQREIKAQL
AQLPDSAPGPPRPQVRLAGAQAIFEAQQLAGVRRGAKPEVPRI VVQPPEEPRPPRRKPQTRGKTFHGLL
TRARGPPIEGPPRPQRGSTSF LDTRF

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_940919</u>
RefSeq Size:	1752
RefSeq ORF:	1338
Synonyms:	CARABIN; EPI64C



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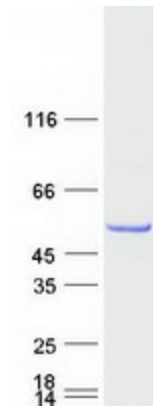
Locus ID: 374403

UniProt ID: [Q8IV04](#)

Cytogenetics: 11q13.2

Summary: The protein encoded by this gene has an N-terminal Rab-GTPase domain and a binding site at the C-terminus for calcineurin, and is an inhibitor of both the Ras signaling pathway and calcineurin, a phosphatase regulated by calcium and calmodulin. Genes encoding similar proteins are located on chromosomes 16 and 22. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2013]

Product images:



Coomassie blue staining of purified TBC1D10C protein (Cat# [TP309092]). The protein was produced from HEK293T cells transfected with TBC1D10C cDNA clone (Cat# [RC209092]) using MegaTran 2.0 (Cat# [TT210002]).