

Recombinant Human TBC1D10C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TBC1D10C-5512H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TBC1D10C MS Standard C13 and N15-labeled recombinant protein (NP_940919) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	49.7 kDa
AA Sequence	<p>MAQALGEDLVQPPELQDDSSSLGSDSELSPGPGPYRQADRYGFIGGSSAEPGPGHP PADLIRQREMKWVEMTSHWEKTMSRRYKKVKMQCRKGIPSALRARCWPLLCGAHV CQKNSPGTYQELAEAPGDPQWMETIGRDLHRQFPLHEMFVSPQGHGQQGLLQVL KAYTLRPEQGYCQAQGPVAAVLLMHLPEEAFWCLVQICEVYLPGYYGPHMEAV RLDAEVMALLRRLPHVHKHLQQVGVGPLYLPEWFLCLFARSLPFPTVLRVWDAF LSEGARVLFVRVGLTLVRLALGTAEQRGACPLLETLGALRAIPPAQLQEEAFMSQVH SVVLSERDLQREIKAQLAQLPDSAPGPPRPQVRLAGAQAIFEAQQLAGVRRGAKP EVPRIVVQPPEEPRPPRRKPQTRGKTFHGLLTRARGPPIEGPPRPQRGSTSFLDTRF</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TBC1D10C TBC1 domain family member 10C [Homo sapiens (human)]

Official Symbol TBC1D10C

Synonyms TBC1D10C; TBC1 domain family, member 10C; carabin; Carabin; EPI64C; FLJ00332; CARABIN; MGC46488;

Gene ID 374403

mRNA Refseq NM_198517

Protein Refseq NP_940919

MIM 610831

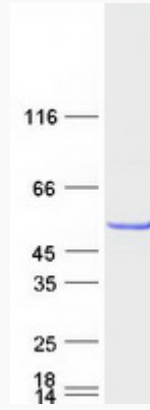
UniProt ID Q8IV04

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SDS-PAGE



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