

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	MAQALGEDLVQPPELQDDSSSLGSDSELSPGPYRQADRYGFIGGSSAEPGPGHP PADLIRQREMKWVEMTSHWEKTMSRRYKKVKMQCRKGIPSALRARCWPLLCGAHV CQKNSPGTYQELAEAPGDPQWMETIGRDLHRQFPLHEMFVSPQGHGQQGLLQVL KAYTLRPEQGYCQAQGPVAAVLLMHLPPPEAFWCLVQICEVYLPGYYGPHMEAV RLDAEVFMALLRRLPHVHKHLQQVGVGPLYLPEWFLCLFARSLPFPTVLRVWDAF LSEGARVLFVRGLTLVRLALGTAEQRGACPGLLLETGLALRAIPPAQLQEEAFMSQVH SVVLSERDLQREIKAQLAQLPDSAPGPPPRPQVRLAGAQAIFEAQQLAGVRRGAKP EVPRIVVQPPEEPRPPRRKPQTRGKTFHGLLTRARGPPIEGPPRPQRGSTSFLDTRF

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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.

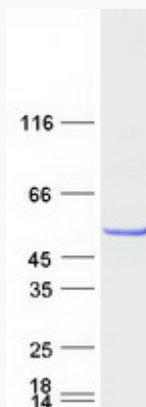
GENE INFORMATION

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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