

Recombinant Full Length Human TBC1D10C Protein, Tag Free

Cat. No. TBC1D10C-20HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human TBC1 domain family, member 10C (TBC1D10C) with C-Flag tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-446 aa
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	49.5 kDa
AASequence	MAQALGEDLVQPPELQDDSSSLGSDSELGPGPYRQADRYGFIGGSSAEPGPGHP PADLIRQREMKWVEMTSHWEKTMSRRYKKVKMQCRKGIPSALRARCWPLLCGAHV CQKNSPGTYQELAEAPGDPQWMETIGRDLHRQFPLHEMFVSPQGHGQQGLLQVL KAYTLYRPEQGYCQAQGPVAAVLLMHLPPEEAFWCLVQICEVYLPGYGPHMEAV RLDAEVFMALLRRLPHVHKHLQQVGVGPLLYLPEWFLCLFARSLPFPTVLRVWDAF LSEGARVLFVRVGLTLVRLALGTAEQRGACPGLLLETLGALRAIPPAQLQEEAFMSQVH

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SVVLSERDLQREIKAQLAQLPDSAPGPPRPQVRLAGAQAIFEAQQLAGVRRGAKP
EVPRIVVQPPEEPRPPRRKPQTRGKTFHGLLTRARGPPIEGPPRPQRGSTSFLDTRF
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Notes For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration >0.05 µg/µL as determined by microplate BCA method

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

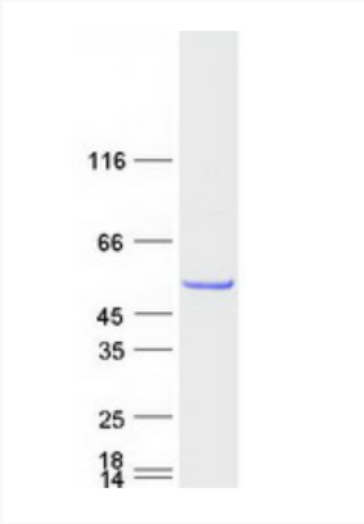
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UniProt ID

Q8IV04

SDS-PAGE

116 —
66 —
45 —
35 —
25 —
18 —
14 —

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