

Product datasheet for **TP309092**

carabin (TBC1D10C) (NM_198517) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human TBC1 domain family, member 10C (TBC1D10C), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC209092 protein sequence

Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MAQALGEDLVQPPELQDDSSSLGSDSELSPGPYRQADRYGFIGGSSAEPGPGHPPADLIRQREMKWVEM
TSHWEKTMSRRYKKVKMQCRKGIPSA LRARCWPLLCGAHVCQKNSPGTQYELAEAPGDPQWMETIGRDLH
RQFPLHEMFVSPQGHGQQGLLQVLKAYTLRPEQGYCQAQGPVAAVLLMHLPPPEAFWCLVQICEVYLP
YYGPHMEAVRLDAEVMALLRRLPHVHKHLQQVGVGPLYLPEWFLCLFARSLPFPTVLRVWDAFLSEG
ARVLFVRGLTLVRLALGTAEQRGACPGLETLGALRAIPPAQLQEEAFMSQVHSVLSERDLQREIKAQL
AQLPDSAPGPPRPQVRLAGAAQIFEAQQLAGVRRGAKPEVPRIVVQPPEEPRPPRRKPQTRGKTFHGLL
TRARGPIEGPPRPQRGSTSF L DTRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 49.5 kDa

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

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: 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°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_940919](#)



[View online »](#)

Locus ID: 374403

UniProt ID: [Q8IV04](#)

RefSeq Size: 1752

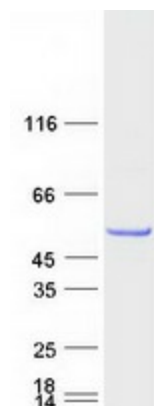
Cytogenetics: 11q13.2

RefSeq ORF: 1338

Synonyms: CARABIN; EPI64C

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]).