

Recombinant Human TBC1D2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TBC1D2-2575H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TBC1D2 MS Standard C13 and N15-labeled recombinant protein (NP_060891) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Acts as GTPase-activating protein for RAB7A. Signal effector acting as a linker between RAC1 and RAB7A, leading to RAB7A inactivation and subsequent inhibition of cadherin degradation and reduced cell-cell adhesion.
Molecular Mass	103.9 kDa
AA Sequence	MEGAGENAPESSSSAPGSEESARDPQVPPPEEESGDCARSLEAVPKKLCGYLSKF GGKGPIRGWKSRRWFFYDERKCQLYYSRTAQDANPLDSIDLSSAVFDCKADAEEGIF EIKTPSRVITLKAATKQAMLYWLQQLQMKRWEFHNSPPAPPATPDAAAGNGPVLH LELGQEEAELEEFPCPVKTPPGLVGVAALQPPALQNISLKHGLGTEIQNTMHNIRGN KQAQGTGHEPPGEDSPQSGEPQREEQPLASDASTPGREPEDSPKPAPKPSLTISFA QKAKRQNNTFPFFSEGITRNRTAQEKVAALEQQVLMMLTKELKSQKELVKILHKALEA AQQEKRASSAYLAAEDKDRLELVRHKVRQIAELGRRVEALEQERESLAHTASLRE QQVQELQQHVQLLMDKNHAKQQVICKLSEKVTQDFTHPPDQSPLRPDAANRDFLS QQGKIEHLKDDMEAYRTQNCFLNSEIHQVTKIWRKVAEKEKALLTKCAYLQARNQCV ESKYLGLRRLQEALGDEASECSELLRQLVQEALQWEAGEASSDSIELSPISKYDEY

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GFLTVPDYEVEDLKLLAKIQALESRSHELLGLEAVDRPLRERWAALGDLVPSAELKQ
 LLRAGVPREHRPRVWRWLVLHRLVQHLHTPGCYQELLSRGQAREHPAARQIELDLN
 RTFPNNKHFTCPTSSFPDKLRRVLLAFSWQNPTIGYCQGLNRLAAIALLVLEEEESAF
 WCLVAIVETIMPADYYCNTLTASQVDQRLVQDLLSEKLPRLMAHLGQHHVDLSLVTF
 NWFLVVFADSLISNILLRVWDAFLYEGTKYNEKEILRLQNGLEIYQYLRFFTKTISNSR
 KLMNIAFNDMNPFRMKQLRQLRMVHRERLEAELRELEQLKAEYLERRASRRRAVSE
 GCASEDEVEGEATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 TBC1D2 TBC1 domain family member 2 [Homo sapiens (human)]

Official Symbol TBC1D2

Synonyms TBC1D2; TBC1 domain family, member 2; TBC1 domain family member 2A; Armus; PARIS1; prostate antigen recognized and identified by SEREX; TBC1D2A; armus; TBC1 domain family, member 2A; prostate antigen recognized and identified by SEREX 1; PARIS-1; FLJ10702; FLJ16244; FLJ42782; DKFZp761D1823;

Gene ID 55357

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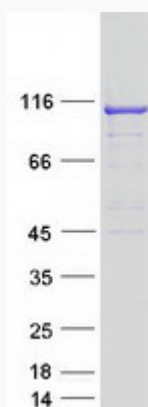
mRNA Refseq NM_018421

Protein Refseq NP_060891

MIM 609871

UniProt ID Q9BYX2

SDS-PAGE



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