

Recombinant Mouse Tbc1d2 Protein, Myc/DDK-tagged

Cat. No. Tbc1d2-6304M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length TBC1 domain family, member 2 (Tbc1d2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	104.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Tbc1d2 TBC1 domain family, member 2 [Mus musculus (house mouse)]
Official Symbol	Tbc1d2
Synonyms	TBC1D2; TBC1 domain family, member 2; TBC1 domain family member 2A; likely ortholog of H. sapiens TBC1 domain family, member 2 (TBC1D2); Gm1037; PARIS1; PARIS-1; BC022630; A630005A06Rik; RP23-117B19.7
Gene ID	381605
mRNA Refseq	NM_198664
Protein Refseq	NP_941066
UniProt ID	B1AVH7

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