

Recombinant Human TANGO2 Protein, His tagged

Cat. No. TANGO2-23H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TANGO2 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene belongs to the transport and Golgi organization family, whose members are predicted to play roles in secretory protein loading in the endoplasmic reticulum. Depletion of this gene in Drosophila S2 cells causes fusion of the Golgi with the ER. In mouse tissue culture cells, this protein co-localizes with a mitochondrially targeted mCherry protein and displays very low levels of co-localization with Golgi and peroxisomes. Allelic variants of this gene are associated with rhabdomyolysis, metabolic crises with encephalopathy, and cardiac arrhythmia.
Molecular Mass	The protein has a calculated MW of 31 kDa.
AA Sequence	MCIIFFKFDPRPVSKNAYRLILAAANRDEFYSRPSKLADFWGNNNEILSGLDMEEGKE GGTWLGISTRGKLAALTNYLQPQLDWQARGRGELVTHFLTDDVDSL SYLKKVSMEG HLYNGFNLIAADLSTAKGDVICYYGNRGEPIVLTPTGYGLSNALLETPWRKLCFGK QLFLEAVERSQUALPKDVLIASLLDVLNNEEAQLPDPAIEDQGGEYVQPMLSKYAAVC VRCPGYGTRTNTIILVDADGHVTFTERSMMMDKDL SHWETR TYEFTLQSHHHHHH
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Sterile 50 mM Tris, 300 mM NaCl, pH 8.0

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 1.3 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name TANGO2 transport and golgi organization 2 homolog [Homo sapiens (human)]

Official Symbol TANGO2

Synonyms TANGO2; transport and golgi organization 2 homolog; MECRCN; C22orf25; transport and Golgi organization protein 2 homolog

Gene ID 128989

mRNA Refseq NM_152906

Protein Refseq NP_690870

MIM 616830

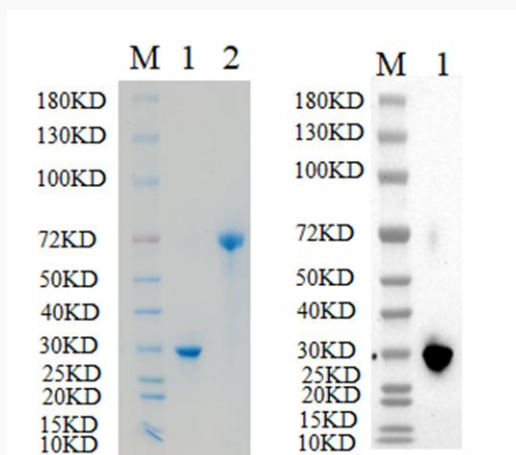
UniProt ID Q6ICL3

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**Reducing 12% SDS-
PAGE (CBB stained)
and WB (Anti-His
Mouse Monoclonal
Antibody) analysis
profile of purified
TANGO2.**



1. TANGO2
2. BSA

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