

Full-Length

TMTC2 (Human) Recombinant Protein (P01)

Catalog # H00160335-P01

Size 25 ug, 10 ug

Applications

Specification

Product Description

Human TMTC2 full-length ORF (NP_689801.1, 1 a.a. - 836 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MIAELVSSALGLALYLNTLSADFCYDDSRRAIKTNQDLLPETPWTHIFYNDFWGTLLTHSGSHKSYRP
LCTLSFRLNHAIGGLNPWSYHLVNVLLHAAVTGLFTSFSKILLGDGYWTFMAGLMFASHPIHTEAVA
GIVGRADV GASLFFLLSLLCYIKHCSTRGYSARTWGWFLGSGLCAGCSMLWKEQGVTVLAVSAV
YDVVFVHRLKIKQILPTIYKRKNLSLFLSISLLIFWGSSLLGARLYWMGNKPPSFSNSDNPAADSDSL
LTRTLFFYLPTKNLWLLCPDTLSFDWSMDAVPLLKTVCDWRNLHTVAFYTGLLLLAYYGLKSPS
VDRECNGKTVTNGKQNANGHSCLSDVEYQNSETKSSFASKVENGIKNDVSQRTQLPSTENIVVL
SLSLLIIPFVPATNLFFYVGFVIAERVL YIPSMGFCLLITVGARALYVKVQKRFLKSLIFYATATLIVFYG
LKTAIRNGDWQNEEMLYRSGIKVNPAAKAWGNLGNVLKSQSKISEAESAYRNALYRSNMADMLYN
LGLLLQENS RFAEALHYKLAIGSRPTLASAYLNTGIILMNQGRTEEARRTFLKCSEIPDENLKDPHA
HKSSVTSCLYNLGKLYHEQGHYEEALSVYKEAIQKMPRQFAPQSLYNMMGEAYMRLSKLPEAEH
WYMESLRSKTDHIPAHLTYGKLLALTGRKSEA EKFLKAIELDPTKGNCYMHYGQFLLEEARELIEAA
EMAKKAAELDSTEFDVVFNAAHMLRQASLNEAAEKYYDLAARLRPNYPAALMNLGAILHLNGLRLQ
KAEANYLRALQLKPDDVITQSNLRKLWNIMEKQGLKTSKT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

120.5

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TMTC2

Entrez GeneID	160335
GeneBank Accession#	NM_152588.1
Protein Accession#	NP_689801.1
Gene Name	TMTC2
Gene Alias	DKFZp762A217
Gene Description	transmembrane and tetratricopeptide repeat containing 2
Gene Ontology	Hyperlink
Other Designations	-

Disease

- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)

- [Tobacco Use Disorder](#)