

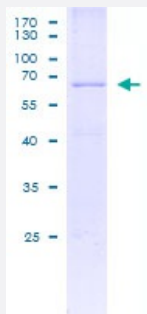
Full-Length

MTM1 (Human) Recombinant Protein (F01)

Catalog # H00004534-F01

Size 100 ug, 50 ug

Applications



Specification

Product Description

Human MTM1 full-length ORF (Q13496, 1 a.a. - 603 a.a.) recombinant protein with HIS tag at N-terminal.

Sequence

MASASTSKYNSHSLENESIKRTSRDGVNRDLTEAVPRLPGETLITDKEVMYCPFNGPIKGRVYITNYR
LYLRSLETDSLLLDVPLGVISRIEKMGGATSRGENSYGLDITCKDMRNLRFALKQEGHSRRDMFEI
LTRYAFPLAHSPLFAFLNEEKFNVDGWTVYNPVEEYRRQGLPNHHWRITFINKCYELCDTYPALL
VVPYRASDDDLRRVATFRSRNRIPVLSWIHPENKTVVRCSQPLVGMSGKRKNDDEKYLDVIRETN
KQISKLTYPDARPSVNAVANKATGGGYESDDAYHNAELFFLDIHNIHVMRESLKKVKDIVYPNVEES
HWLSSLESTHWLEHIKLVLTGAIQVADKVSSGKSSVLVHCSDGWDRTAQLTSLAMLMLDSFYRSI
EGFEILVQKEWISFGHKFASRIGHGDKNHTDADRSPIFLQFIDCVWQMSKQFPTAFEFNEQFLIILD
HLYSCRFGTFLFNCESARERQKVTERTVSLWSLINSNKEKFKNPFYTKENRVLYPVASMRHLELW
VNYIRWNPRIKQQQPNPVEQRYMELLALRDEYKRLEELQLANSACLSDPPTSPSSPSQMMPHV
QTHF

Host

Escherichia coli

Theoretical MW (kDa)

67.54

Preparation Method

Escherichia coli expression system

Purification

His tag /Ni-column

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	PBS, pH=7.4.
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

- SDS-PAGE

Gene Info — MTM1

Entrez GeneID	4534
GeneBank Accession#	no gene_acc
Protein Accession#	Q13496
Gene Name	MTM1
Gene Alias	CNM, MTMX, XLMTM
Gene Description	myotubularin 1
Omim ID	300415 310400
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a dual-specificity phosphatase that acts on both phosphotyrosine and phosphoserine. It is required for muscle cell differentiation and mutations in this gene have been identified as being responsible for X-linked myotubular myopathy. [provided by RefSeq]
Other Designations	myotubularin

Disease

- [Colorectal Neoplasms](#)
- [Microsatellite Instability](#)
- [Stomach Neoplasms](#)