

Product datasheet for **TP309547M**

PMF1 (NM_007221) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human polyamine-modulated factor 1 (PMF1), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC209547 protein sequence
Red=Cloning site **Green**=Tags(s)

MAEASSANLGSGCEEKRHEGSSSESVPPGTTISRVKLLDTMVDTFLLQKLVAAGSYQRFTDCYKCFYQLQP
AMTQRIYDKFIAQLQTSIREEISDIKEEGNLEAVLNALDKIVEEGKVRKEPAWRPSGIPEKDLHSVIAPY
FLQQRDTLRRHVQKQEAENQQLADAVLAGRRQVEELQLQVQAQQAWQALHREQRELVAVLREPE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 23.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_009152](#)

Locus ID: 11243

UniProt ID: [Q6P1K2](#)

RefSeq Size: 1122



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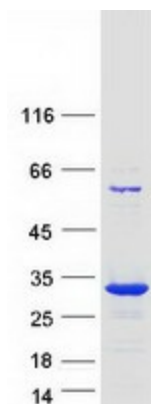
Cytogenetics: 1q22

RefSeq ORF: 615

Summary: Part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochore formation during mitosis. May act as a cotranscription partner of NFE2L2 involved in regulation of polyamine-induced transcription of SSAT.[UniProtKB/Swiss-Prot Function]

Protein Families: Stem cell - Pluripotency

Product images:



Coomassie blue staining of purified PMF1 protein (Cat# [TP309547]). The protein was produced from HEK293T cells transfected with PMF1 cDNA clone (Cat# [RC209547]) using MegaTran 2.0 (Cat# [TT210002]).