

Product datasheet for **TP309547**

PMF1 (NM_007221) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human polyamine-modulated factor 1 (PMF1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209547 protein sequence Red =Cloning site Green =Tags(s)
	 MAEASSANLGS GCEEKRHEGSSSESVP PGTTISR VKLLDTMVD TFLQKLVAAGSYQRFTDCYKCFYQLQP 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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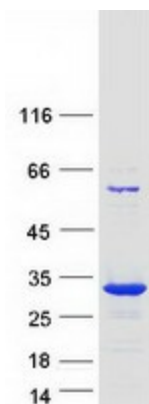
Cytogenetics: 1q22

RefSeq ORF: 615

Summary: Part of the MIS12 complex which is required for normal chromosome alignment and segregation and kinetochores 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]).