

Recombinant Human PMF1, His-tagged

Cat. No. PMF1-27991TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 26-205 of Human NNF1R with N terminal His tag; 180 amino acids, 29kDa.
Species	Human
Source	E.coli
ProteinLength	26-205 a.a.
Description	NNF1R, also called PMF1, is part of the MIS12 complex, which may be fundamental for kinetochore formation and proper chromosome segregation during mitosis. It is required for chromosome congression and for correct operation of the spindle checkpoint. May act as a cotranscription partner of NFE2L2 involved in regulation of polyamine-induced transcription of SSAT.
Conjugation	HIS
Form	Lyophilised: Reconstitute with 52 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
Sequences of amino	VPPGTTISRVKLLDTMVDLFLQKLVAAGSYQRFTDCYKCF YQLQPAMTQQIYDKFIA

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acids

QLQTSIREEISDIKEEGNLEA VLNALDKIVEEGKVRKEPAWRPSGIPEKDLHSVMAPY
F LQQRDTLRRHVQKQEAENQQLADAVLAGRRQVEELQLQ VQAQQQAWQALHRE
QRELVAVLREPE

GENE INFORMATION

Gene Name [PMF1 polyamine-modulated factor 1 \[Homo sapiens \]](#)

Official Symbol [PMF1](#)

Synonyms PMF1; polyamine-modulated factor 1;

Gene ID [11243](#)

mRNA Refseq [NM_001199653](#)

Protein Refseq [NP_001186582](#)

MIM [609176](#)

Uniprot ID [Q6P1K2](#)

**Chromosome
Location** 1q22

Pathway Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem;

Function leucine zipper domain binding; protein binding; transcription coactivator activity;

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