

## Mesothelin Protein, Human (250a.a, HEK293, His)

<b>Cat. No.:</b>	HY-P70413
<b>Synonyms:</b>	rHuMesothelin/MPF, His ; Megakaryocyte potentiating factor; mesothelin; Pre-pro-megakaryocyte-potentiating factor; soluble MPF mesothelin related protein; CAK1; MPF; MSLN; SMR; CAK1; CAK1 antigen
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	Q13421 (L37-R286)
<b>Gene ID:</b>	10232
<b>Molecular Weight:</b>	30-35 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> LAGETGQEEA   PLDGVLANPP   NISSLSPRQL   LGFPCAEVSG LSTERVRELA   VALAQKNVKL   STEQLRCLAH   RLSEPPEDLD ALPLDLLLFL   NPDAFSGPQA   CTRFFSRITK   ANVDLLPRGA PERQRLLPAA   LACWGVVRSGL   LSEADVRAALG   GLACDLPGRF VAESA EVLLP   RLVSCPGLD   QDQQAARAA   LQGGGPPYGP PSTWSVSTMD   ALRGLLPVVG   QPIIRSI PQG   IVAAWRQRSS RDP SWRQPER           </pre>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	Mesothelin Protein, particularly in its membrane-anchored forms, exhibits a potential role in cellular adhesion, suggesting involvement in mediating interactions between cells. Furthermore, the associated Megakaryocyte-potentiating factor (MPF) has been identified as a potent enhancer of megakaryocyte colony formation in vitro, indicating its active participation in fostering the development of these specialized blood cell colonies.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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