

## MDP1 Protein, Human (HEK293, His)

<b>Cat. No.:</b>	HY-P70870
<b>Synonyms:</b>	Magnesium-dependent phosphatase 1; MDP-1; EC=3.1.3.48;
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	Q86V88 (M1-A176)
<b>Gene ID:</b>	145553
<b>Molecular Weight:</b>	Approximately 18.0 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>M A R L P K L A V F    D L D Y T L W P F W    V D T H V D P P F H    K S S D G T V R D R</p> <p>R G Q D V R L Y P E    V P E V L K R L Q S    L G V P G A A A S R    T S E I E G A N Q L</p> <p>L E L F D L F R Y F    V H R E I Y P G S K    I T H F E R L Q Q K    T G I P F S Q M I F</p> <p>F D D E R R N I V D    V S K L G V T C I H    I Q N G M N L Q T L    S Q G L E T F A K A</p> <p>Q T G P L R S S L E    E S P F E A</p>
<b>Biological Activity</b>	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
<b>Appearance</b>	Solution.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 10% Glycerol, pH 7.5.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	N/A
<b>Storage &amp; Stability</b>	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
<b>Shipping</b>	Shipping with dry ice.

### DESCRIPTION

<b>Background</b>	MDP1 Protein, identified as a magnesium-dependent phosphatase, exhibits potential tyrosine phosphatase activity.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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