

Animal-Free HDGF Protein, Mouse (His)

Cat. No.:	HY-P700181AF
Synonyms:	Hepatoma-Derived Growth Factor; HDGF; High Mobility Group Protein 1-Kike 2; HMG-1L2; HDGF; HMG1L2
Species:	Mouse
Source:	E. coli
Accession:	P51859 (M1-L237)
Gene ID:	15191
Molecular Weight:	Approximately 27.08 kDa

PROPERTIES

AA Sequence	<pre> MSRSNRQKEY KCGDLVFAKM KGYPHWPARI DEMPEAAVKS TANKYQVFFF GTHETAFLGP KDLFPYEESK EKFGKPNKRK GFSEGLWEIE NNPTVKASGY QSSQKKSCAA EPEVEPEAHE GDGDKKGSAA GSSDEEGKLV IDEPAKEKNE KGTLKRRAGD VLEDSPKRPK ESGDHEEEDK EIAALEGERP LPVEVEKNST PSEPDSGQGP PAAAAEAGEE AAKEEAQAQG VRDHESL </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 7.4.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	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.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	HDGF Protein functions as a transcriptional repressor and exhibits mitogenic activity for fibroblasts. This heparin-binding protein can exist as a monomer and as a domain-swapped homodimer. Additionally, it interacts with nuclear proteins NCL and YBX1/YB1.
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Caution: Product has not been fully validated for medical applications. For research use only.

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