

HDGF Protein, Mouse (*P. pastoris*, N-His, C-Myc)

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| Cat. No.: | HY-P700488 |
| Synonyms: | rHuHepatoma-derived growth factor/HDGF, His; Hepatoma-Derived Growth Factor; HDGF; High Mobility Group Protein 1-Kike 2; HMG-1L2; HDGF; HMG1L2 |
| Species: | Mouse |
| Source: | <i>P. pastoris</i> |
| Accession: | P51859 (M1-L237) |
| Gene ID: | 15191 |
| Molecular Weight: | 30.3 kDa |

PROPERTIES

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| AA Sequence | <pre> MSRSNRQKEY KCGDLVFAKM KGYPHWPARI DEMPEAAVKS TANKYQVFFF GTHETAFLGP KDLFPYEESK EKFGKPNKRK GFSEGLWEIE NNPTVKASGY QSSQKKSCAA EPEVEPEAHE GDGDKKGSAA GSSDEEGKLV IDEPAKEKNE KGTLKRRAGD VLEDSPKRPK ESGDHEEEDK EIAALEGERP LPVEVEKNST PSEPDSSGQGP PAAAAEAGEEE AAKEEAQAQG VRDHESL </pre> |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Endotoxin Level | <1 EU/µg, determined by 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

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| 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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