

Product datasheet for **TP723157**

Hgf (NM_010427) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse hepatocyte growth factor (Hgf).
Species:	Mouse
Expression Host:	Hi-5 insect
Expression cDNA Clone or AA Sequence:	<p>Alpha chain: QKKRRNTLHE FKKSATTLT KEDPLLKI KKVNSADECA NRCIRNRGFT FTCKAFVFDK SRKRCYWYPF NSMSSGVKKG FGHEFDLYEN KDIYRNCIIG KGGSYKGTVS ITKSGIKCQP WNSMIPHEHS FLPSSYRGKD LQENYCRNPR GEEGPPWCFT SNPEVRYEVC DIPQCSEVEC MTCNGESYRG PMDHTESGKT CQRWDQQTPH RHKFLPERYP DKGFDNNYCR NPDGKPRPWC YTLDPDTPWE YCAIKTCAHS AVNETDVPME TTECIQGQGE GYRGTSNTIW NGIPCQRWDS QYPHKHDITP ENFKCKDLRE NYCRNPDGAE SPWCFTTDPN IRVGYCSQIP KCDVSSGQDC YRNGNKNYMG NLSKTRSGLT CSMWDKNMED LHRHIFWEPD ASKLNKNYCR NPDDDAHGPW CYTGNPLIPW DYCPISRCEG DTTPTIVNLD HPVISCAKTK QLR</p> <p>Beta chain: VVNGIPTQTT VGWMVSLKYR NKHICGGSLI KESWVLTARQ CFPARNKDLK DYEAWLGIHD VHERGEEKRK QILNISQLVY GPEGSDLVLL KLARPAILDN FVSTIDLPSY GCTIPEKTTT SIYGWGYTGL INADGLLRVA HLYIMGNEKC SQHHQGVTL NESELCAGAE KIGSGPCEGD YGGPLICEQH KMRMVLGVIV PGRGCAIPNR PGIFVRVAYY AKWIIHKVILT YKL</p>
Tag:	Tag Free
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by the dose-dependent stimulation of the proliferation of mouse IMCD3 cells using a concentration range of 10-20 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_034557
Locus ID:	15234
UniProt ID:	Q08048



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RefSeq Size:	2810
Cytogenetics:	5 7.07 cM
RefSeq ORF:	2184
Synonyms:	C230052L06Rik; HGF/S; HGF/SF; NK; NK1; NK2; SF; SF/HG; SF/HGF
Summary:	This gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and tissue types. The encoded preproprotein is proteolytically processed to generate multiple protein products, including the hepatocyte growth factor alpha and beta chains, which heterodimerize to form the mature active protein. Although this protein is a member of the peptidase S1 family of serine proteases, it lacks peptidase activity. Homozygous knockout mice for this gene exhibit embryonic lethality due to impaired development of the placenta and liver. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]

Product images:

