

Product datasheet for TP526277

Hgf (NM_010427) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse hepatocyte growth factor (Hgf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226277 representing NM_010427 Red =Cloning site Green =Tags(s)
	<p>MMWGTKLLPVLLQLHVLLHLLLHVAIPYAEGQKRRNTLHEFKKSAKTTLTKEPLLKIKTKKVNSADE CANRCIRNRGFTFTCKAFVFDKSRKRCYWYPFNSMSSGVKKGFGHEFDLYENKDYIRNCIIGKGGSYKGT VSITKSGIKCQPWNMIPHEHSFLPSSYRGKDLQENYCRNPRGEEGGPWCFTSNPEVRYEVCDIPQCSEV ECMTCNGESYRGPMDHTESGKTCQRWDQQTTPHRHKFLPERYPDKGFDDNYCRNPDGKPRPWCYTLDPDTP WEYCAIKTCAHSVNETDVPMETTECIQGQEGYRGTSENTIWNIGPCQRWDSQYPHKHDITPENFKCKDL RENYCRNPDGAESPWCFTTDPNIRVGYCSQIPKCDVSSGQDCYRGNKGNYMGNSKTRSGLTCSMWDKNM EDLHRHIFWEPDASKLNKNYCRNPDDDAHGPWCYTGNIPLIPWDYCPISRCEGDTTPTIVNLDHPVISCAK TKQLRVVNGIPTQTTVGWWMVSLKYRNKHCIGGLIKESWVLTARQCFPARNKDLKDYEAWLGIHDVHERG EEKRKQILNISQLVYGPEGSDLVLLKLARPAILDNFVSTIDLPSYGCTIPEKTTCSIYGWGYTGLINADG LLRVAHLYIMGNEKCSQHHQKVTLNESELGAGAEKIGSGPCEGDYGGPLICEQHKMVMVLGVIVPGRGC AIPNRPGIFVRVAYYAKWIHKVILTYKL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	82.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034557
Locus ID:	15234
UniProt ID:	Q08048 , Q8C9G5
RefSeq Size:	2810
Cytogenetics:	5 7.07 cM
RefSeq ORF:	2187
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]