

## Product datasheet for TP300609M

### HGS (NM\_004712) Human Recombinant Protein

#### Product data:

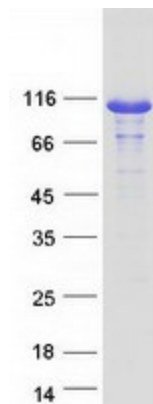
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human hepatocyte growth factor-regulated tyrosine kinase substrate (HGS), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC200609 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGRGSGTFERLLDKATSQLLLETDWESILQICDLIRQGDTQAKYAVNSIKKKVNDKNPHVALYALEVMES  VKNCGQTVHDEVANKQTMEELKDLLKRQVEVNVNRNKILYLIQAWAHAFRNEPKYKVVQDTYQIMKVEGH  VFPEFKESDAMFAAERAPDWVDAEECHRQVQFGVMTRKHHCRACGQIFCGKCSSKYSTIPKFGIEKEVR  VCEPCYEQLNRKAEGKATSTTELPPEYLTSPLSQSSQLPPKRDETALQEEEEELQALALSQSEAEKERL  RQKSTYTSYPKAEMPSSASSAPPASSLYSSPVNSSAPLAEDIDPELARYLNRNYWEKKQEEARKSPTPSA  PVPLTEPAAQPGEGHAAPTNNVENPLPETDSQPIPPSGGPFSEPFHNGESEESHEQFLKALQNAVTTFV  NRMKSNHMRGRSITNDSAVLSLFQSINGMHPQLLELLNQLDERRLYEGLQDKLAQIRDARGALSALREE  HREKLRRAAEEAERQRQIQLAQKLEIMRQKKQEYLEVQRQLAIQRLQEKEKERQMRLEQQKQTVQMRAQM  PAFPLPYAQLQAMPAAGGVLYQPSGPASFPSTFSPAGSVEGSPMHGVYMSQPAPAAGPYPSMPSTAADPS  MVSAYMPAGATGAQAAPQAQAGPTASPAYSSYQPTPTAGYQNVASQAPQSLPAISQPPQSSTMGYMGSSQ  SVSMGYQPYNMQNLMTTLPSQDASLPPQQPYIAGQQPMYQQMAPSGGPPQQQPVAQQPQAQGPPAQGSE  AQLISFD</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	86 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004703</a>
<b>Locus ID:</b>	9146
<b>UniProt ID:</b>	<a href="#">O14964</a> , <a href="#">A0A0S2Z4R4</a>
<b>RefSeq Size:</b>	2986
<b>Cytogenetics:</b>	17q25.3
<b>RefSeq ORF:</b>	2331
<b>Synonyms:</b>	HRS
<b>Summary:</b>	The protein encoded by this gene regulates endosomal sorting and plays a critical role in the recycling and degradation of membrane receptors. The encoded protein sorts monoubiquitinated membrane proteins into the multivesicular body, targeting these proteins for lysosome-dependent degradation. [provided by RefSeq, Dec 2010]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Endocytosis

### Product images:



Coomassie blue staining of purified HGS protein (Cat# [TP300609]). The protein was produced from HEK293T cells transfected with HGS cDNA clone (Cat# [RC200609]) using MegaTran 2.0 (Cat# [TT210002]).