

Product datasheet for TP300609L

HGS (NM_004712) Human Recombinant Protein

Product data:

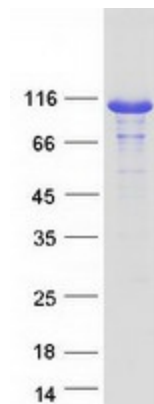
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hepatocyte growth factor-regulated tyrosine kinase substrate (HGS), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200609 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGRGSGTFERLLDKATSQLLLETDWESILQICDLIRQGDTQAKYAVNSIKKKVNDKNPHVALYALEVMES VKNCGQTVHDEVANKQTMEELKDLLKRQVEVNVNRNKILYLIQAWAHAFRNEPKYKVVQDTYQIMKVEGH VFPEFKESDAMFAAERAPDWVDAEECHRQVQFGVMTRKHHCRACGQIFCGKCSSKYSTIPKFGIEKEVR VCEPCYEQLNRKAEGKATSTTELPPEYLTSPLSQSSQLPPKRDETALQEEEEELQLALALSQSEAEKERL RQKSTYTSYPKAEMPSSASSAPPASSLYSSPVNSSAPLAEDIDPELARYLNRNYWEKKQEEARKSPTPSA PVPLTEPAAQPGEGHAAPTNNVENPLPETDSQPIPPSGGPFSEPFHNGESEESHEQFLKALQNAVTTFV NRMKSNHMRGRSITNDSAVLSLFQSINGMHPQLLELLNQLDERRLYEGLQDKLAQIRDARGALSALREE HREKLRRAAEEAERQRQIQLAQKLEIMRQKKQEYLEVQRQLAIQRLQEQEKERQMRLEQQKQTVQMRAQM PAFPLPYAQLQAMPAAGGVLYQPSGPASFPSTFSPAGSVEGSPMHGVYMSQPAPAAGPYPSMPSTAADPS MVSAYMPAGATGAQAAPQAQAGPTASPAYSSYQPTPTAGYQNVASQAPQSLPAISQPPQSSTMGYMGSSQ SVSMGYQPYNMQNLMTLPSQDASLPPQQPYIAGQQPMYQQMAPSGGPPQQQPVAQQPQAQGPPAQQGSE AQLISFD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	86 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
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_004703
Locus ID:	9146
UniProt ID:	O14964 , A0A0S2Z4R4
RefSeq Size:	2986
Cytogenetics:	17q25.3
RefSeq ORF:	2331
Synonyms:	HRS
Summary:	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]
Protein Families:	Druggable Genome
Protein Pathways:	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]).