

Recombinant Full Length Human HGS Protein, C-Flag-tagged

Cat. No. HGS-1993HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HGS Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	86 kDa
AA Sequence	MGRGSGTFERLLDKATSQLLLETDWESILQICDLIRQGDTQAKYAVNSIKKKVNDKN PHVALYALEVMES VVKNCGQTVHDEVANKQTMEEKDLLKRQVEVNVRNKILYLIQ AWAHAFRNEPKYKVVQDTYQIMKVEGH VFPEFKESDAMFAAERAPDWVDAEECH RCRVQFGVMTRKHHCRACGQIFCGKCSSKYSTIPKFGIEKEVR VCEPCYEQLNRKA EGKATSTTELPPEYLTSPLSQQSQLPPKRDETALEEEELQLALALSQSEAEKERL RQKSTYTSYPKAEPMPSSASSAPPASSLYSSPVNSSAPLAEDIDPELARYLNRNYWE KKQEEARKSPTPSA PVPLTEPAAQPGEGHAAPTNVVENPLPETDSQPIPPSGGPFPS EPQFHNGESEESHEQFLKALQNAVTTFFV NRMKSNHMRGRSITNDSAVLSLFQSING MHPQLLELLNQLDERRLYYEGLQDKLAQIRDARGALSALREE HREKLRRAAEEAER

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QRQIQLAQKLEIMRQKKQEYLEVQRQLAIQRLQEKEKERQMRLEQQKQTVQMRAQ
M PAFPLPYAQLQAMPAAGGVLYQPSGPASFPSTFSPAGSVEGSPMHGVYMSQPA
PAAGPYPSMPSTAADPS MVSAYMYPAGATGAQAAPQAQAGPTASPAYSSYQPTP
TAGYQNVASQAPQSLPAISQPPQSSTMGYMGSSQ SVSMGYQPYNMQNLMTTLPSQ
DASLPPQQPYIAGQQPMYQQMAPSGGPPQQQPPVAQQPQAQGPPAQGSE AQLIS
FD TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Endocytosis
Full Length	Full L.

GENE INFORMATION

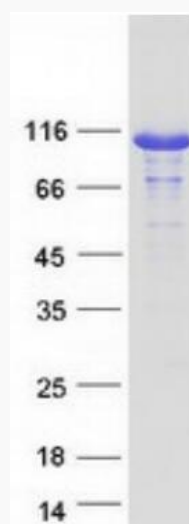
Gene Name	HGS hepatocyte growth factor-regulated tyrosine kinase substrate [Homo sapiens (human)]
Official Symbol	HGS

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Synonyms	HRS
Gene ID	9146
mRNA Refseq	NM_004712.5
Protein Refseq	NP_004703.1
MIM	604375
UniProt ID	O14964



Coomassie blue staining of purified HGS protein.