

Recombinant Full Length Human HGS Protein, GST-tagged

Cat. No. HGS-3537HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HGS full-length ORF (NP_004703.1, 1 a.a. - 777 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	777 amino acids
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. [provided by RefSeq, Dec 2010]
Molecular Mass	112.6 kDa
AA Sequence	MGRGSGTFERLLDKATSQLLLETDWESILQICDLIRQGDTQAKYAVNSIKKKVNDKN PHVALYALEVMESVVKNCGQTVHDEVANKQTMEELKDLLKRQVEVNVRNKILYLIQA WAHAFRNEPKYKVVQDITYQIMKVEGHVFPEFKESDAMFAAERAPDWVDAEECHRC RVQFGVMTRKHHCRACGQIFCGKCSSKYSTIPKFGIEKEVRVCEPCYEQLNRKAEG KATSTTELPPEYLTSPLSQSQSQLPPKRDETALQEEEEELQLALALSQSEAEKERLRQ KSTYTSYPKAEPMPSSASSAPPASSLYSSPVNSSAPLAEDIDPELARYLNRNYWEKKQ EEARKSPTPSAPVPLTEPAAQPGEGHAAPTNNVENPLPETDSQPIPPSGGPFSEPQ FHNGESEESHEQFLKALQNAVTTFVNRMKSNHMRGRSITNDSAVLSLFQSINGMHP QLLELLNQLDERRLYYEGLDKLAQIRDARGALSALREEHREKLRRAAEEAERQRQI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QLAQKLEIMRQKKQEYLEVQRQLAIQRLQEKEKERQMRLEQQKQTVQMRAQMPAF
 PLPYAQLQAMPAAGGVLYQPSGPASFPSTFSPAGSVEGSPMHGVYMSQPAPAAGP
 YPSMPSTAADPSMVSAIYMPAGATGAQAAPQAQAGPTASPAYSSYQPTPTAGYQN
 VASQAPQSLPAISQPPQSSTMGYMGSSQSVSMGYQPYNMQNLMTTLPSQDASLPPQ
 QPYIAGQQPMYQQMAPSGGPPQQQPPVAQQPQAQGPPAQGSEAQLISFD

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

HGS hepatocyte growth factor-regulated tyrosine kinase substrate [Homo sapiens]

Official Symbol

HGS

Synonyms

HGS; hepatocyte growth factor-regulated tyrosine kinase substrate; Hrs; Vps27;
 ZFYVE8; protein pp110; human growth factor-regulated tyrosine kinase substrate;
 HRS; FLJ11421; FLJ39878;

Gene ID

9146

mRNA Refseq

NM_004712

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_004703
MIM	604375
UniProt ID	O14964

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA