

Hepatocyte Growth Factor (HGF) Recombinant Protein | HGF recombinant protein

Recombinant Hepatocyte Growth Factor (HGF)

CATALOG # AAA134044	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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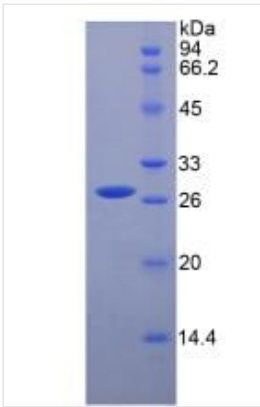
PRODUCT SYNONYMS

Hepatocyte Growth Factor (HGF); Recombinant Hepatocyte Growth Factor (HGF); HGF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-DH PVISCAKTKQ LRVVNGIPTQ TTVGWMVSLK YRNKHICGGS LIKESWVLTA RQCFPARNKD LKDYEAWLGI HDVHERGEEK RKQILNISQL VYGPEGS DLV LLKLARPAIL DNFVSTIDL P SYGCTIPEKT TCSIYGWGYT GLINADGLLR VAHLYIMGNE KCSQHHQGV TLNESEL CAG AEKIGSGPCE GDYGGPLICE QHKMRMVLGV IVPGRGCAIP NRP GIFV
Sequence Length	728
Applicable Applications for HGF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Asp482~Val710 (Accession # Q08048) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	8.3
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

DHPVISC AK TKQLRVVNGI
PTQTTVGMMV SLKYRNKHC GGSLIKESW LTARQCFPAR NKDLKDYEAW
LGIHDVHERG EEKRRQILNI SQLVYGPEGS DLVLLKLARP AILDNFVSTI
DLPSYGCTIP EKTTCSTYGV GTGLINADG LLRVAHLYIM GNEKCSQHHQ
GKVTLESEL CAGAEKIGSG PCEGDYGGPL ICEQHKMRMV LGVIVPGRGC
AIPNRP GIFV

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	170172522
NCBI GeneID	15234
NCBI Accession #	NP_034557.3
NCBI GenBank Nucleotide #	NM_010427.5
UniProt Accession #	Q08048; O55027; Q53WS5; Q61662; Q64007; Q6LBE6
Molecular Weight	26.7kDa
NCBI Official Full Name	hepatocyte growth factor isoform 1 preproprotein
NCBI Official Synonym Full Names	hepatocyte growth factor
NCBI Official Symbol	Hgf
NCBI Official Synonym Symbols	SF; NK1; NK2; HGF/SF; SF/HGF; C230052L06Rik
NCBI Protein Information	hepatocyte growth factor; scatter factor; hepatopoietin-A
UniProt Protein Name	Hepatocyte growth factor
UniProt Gene Name	Hgf
UniProt Synonym Gene Names	SF
UniProt Entry Name	HGF_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.