

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

Recombinant Hepatocyte Growth Factor (HGF)

CATALOG # AAA134132	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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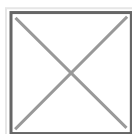
PRODUCT SYNONYMS

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

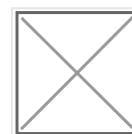
PRODUCT SPECIFICATIONS

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 sedwithtwo N-terminal Tags,His-t agandT7-ta g,itssequen ceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGS-VVNG IPTRTNIGWM VSLRYRNKHI CGGSLIKESW VLTARQC FPS RDLKDYEAWL GIHDVHGRGD EKCKQVLNVS QLVYGPESD LVLMLKARPA VLDDFVSTID LPNYGCTIPE KTSCSVYGWG YTGLINYDGL LRVAHLYIMG NEKCSQHHRG KVTLNESEIC AGAEKIGSGP CEGDYGGPLV CEQHKMRMVL GVIVPGRGCA IPNRP GIFVR VAYYAKWIHK IILTYKVPQS
Sequence Length	728
Applicable Applications for HGF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Val495-Ser728 (Accession # P14210) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
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 lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	33859835
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NCBI GeneID	3082
NCBI Accession #	NP_000592.3
NCBI GenBank Nucleotide #	NM_000601.4
UniProt Accession #	P14210; Q02935; Q13494; Q14519; Q3KRB2; Q8TCE2; Q9BYL9; Q9BYM0; Q9UDU6; A1L3U6
Molecular Weight	29.5kDa
NCBI Official Full Name	hepatocyte growth factor isoform 1 preproprotein
NCBI Official Synonym Full Names	hepatocyte growth factor (hepapoietin A; scatter factor)
NCBI Official Symbol	HGF
NCBI Official Synonym Symbols	SF; HGFB; HPTA; F-TCF; DFNB39
NCBI Protein Information	hepatocyte growth factor; hepatopoeitin-A; hepatopoietin-A; lung fibroblast-derived mitogen; fibroblast-derived tumor cytotoxic factor
UniProt Protein Name	Hepatocyte growth factor
UniProt Gene Name	HGF
UniProt Synonym Gene Names	HPTA; SF
UniProt Entry Name	HGF_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/hgf-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134132>