

HGF recombinant protein

Human HGF (1-728) Protein, hFc Tag

CATALOG #
AAA129489

HOST
HEK293

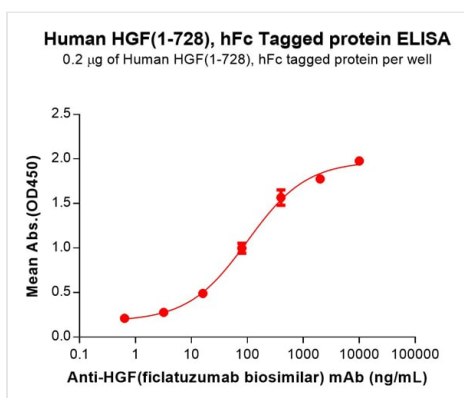
PRODUCT SYNONYMS

HGF; Human HGF (1-728) Protein; hFc Tag; SF; HGFB; HPTA; F-TCF; DFNB39; Recombinant human HGF (1-728) Protein with C-terminal human Fc tag; HGF recombinant protein

PRODUCT SPECIFICATIONS

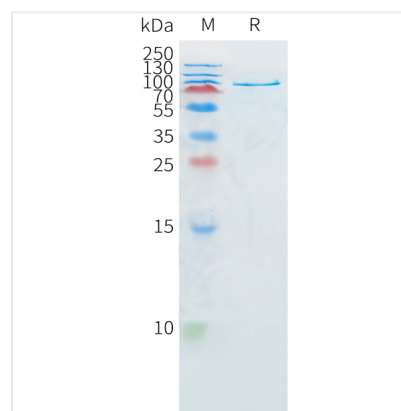
Host	HEK293
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Sequence	HGF(Met1-S er728)hFc(Glu99-Ala3 30)
Tag	C-Human Fc
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

IMAGES



ELISA

Figure 2. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human HGF(1-728) Protein, hFc Tag (AAA129489) can bind Anti-HGF(ficlatuzumab biosimilar) mAb in a linear range of 16-2000 ng/mL.



SDS-PAGE

Figure 1. Human HGF(1-728) Protein, hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for HGF recombinant protein	This gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and tissue types. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate alpha and beta chains, which form the mature heterodimer. This protein is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. This protein also plays a role in angiogenesis, tumorigenesis, and tissue regeneration. Although the encoded protein is a member of the peptidase S1 family of serine proteases, it lacks peptidase activity. Mutations in this gene are associated with nonsyndromic hearing loss. [provided by RefSeq, Nov 2015]
Product Categories/Family for HGF recombinant protein	ECD Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	123116
NCBI GeneID	3082
UniProt Accession #	P14210 ; Q02935 ; Q13494 ; Q14519 ; Q3KRB2 ; Q8TCE2 ; Q9BYL9 ; Q9BYM0 ; Q9UDU6 ; A1L3U6
Molecular Weight	728
NCBI Official Full Name	Hepatocyte growth factor
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; hepatopietin-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/hgf-recombinant-protein-hek293/129489>