

Recombinant Human HGFAC Protein, His-tagged

Cat. No. HGFAC-2237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HGFAC Protein (Asn340-Gln595) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn340-Gln595
Description	This gene encodes a member of the peptidase S1 protein family. The encoded protein is first synthesized as an inactive single-chain precursor before being activated to a heterodimeric form by endoproteolytic processing. It acts as serine protease that converts hepatocyte growth factor to the active form. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.23 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	HGFAC HGF activator [Homo sapiens (human)]
Official Symbol	HGFAC
Synonyms	HGFAC; HGF activator; hepatocyte growth factor activator; HGFA; HGFAP; MGC138395; MGC138397;
Gene ID	3083
mRNA Refseq	NM_001528
Protein Refseq	NP_001519
MIM	604552
UniProt ID	Q04756

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