

Recombinant Mouse Hgfac protein, His & GST-tagged

Cat. No. Hgfac-1594M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hgfac aa. (Pro104~Asp351 (Accession # Q9R098)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Pro104~Asp351
Description	This gene encodes a serine protease enzyme that proteolytically activates hepatocyte growth factor (HGF) and plays a vital role in the regulation of HGF activity in the regeneration and repair of various tissues. The encoded protein is an inactive zymogen that is proteolytically activated to generate a heterodimeric enzyme consisting of a short chain and a long chain linked by a disulfide bridge. Mice lacking the encoded protein display an impairment in mucosal regeneration after injury.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.1

GENE INFORMATION

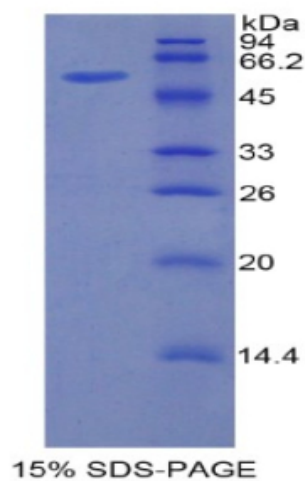
Gene Name	Hgfac hepatocyte growth factor activator [Mus musculus (house mouse)]
Official Symbol	Hgfac
Synonyms	Hgfac; hepatocyte growth factor activator; HGFA; hepatocyte growth factor activator; HGF activator
Gene ID	54426
mRNA Refseq	NM_019447.3
Protein Refseq	NP_062320.2
UniProt ID	Q9R098

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SDS-PAGE



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