

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

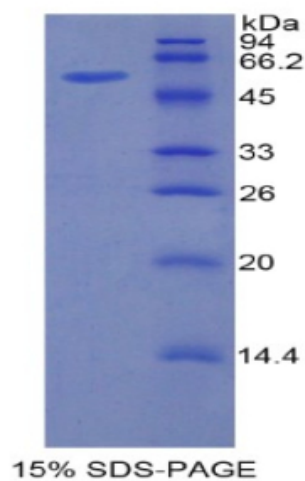
Gene Name	Hgfac hepatocyte growth factor activator [<i>Mus musculus</i> (house mouse)]
Official Symbol	Hgfac
Synonyms	Hgfac; hepatocyte growth factor activator; HGFA; hepatocyte growth factor activator; HGF activator
Gene ID	54426
mRNA Refseq	NM_019447.3
Protein Refseq	NP_062320.2
UniProt ID	Q9R098

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA