Rev03
Update: Aug,08,2025

DATASHEET

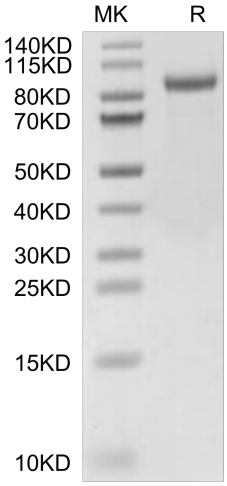
HGFA (pro form), His, Cynomolgus

Cat. No.: Z04808

Product Introduction

Species	Cynomolgus
Protein Construction	HGFA (pro form) (Gln34-Ser650) Accession # A0A2K5TZH3 — His N-term — C-term
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	67.47 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 80-100 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



HGFA (pro form), His, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

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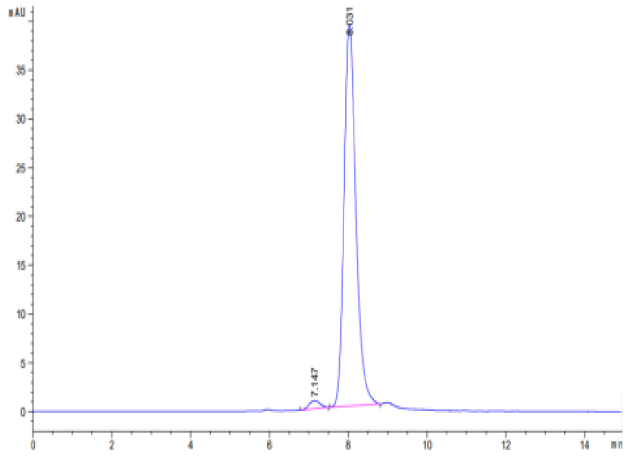

The purity of HGFA (pro form), His, Cynomolgus is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Hepatocyte growth factor activator (HGFA) is a serine protease initially identified as a potent activator of hepatocyte growth factor/scatter factor. Hepatocyte growth factor/scatter factor is known to be critically involved in tissue morphogenesis, regeneration, and tumor progression, via its receptor, MET.In vivo, HGFA also activates macrophage-stimulating protein, which has roles in macrophage recruitment and inflammatory processes, cellular survival and wound healing through its receptor, RON.

Synonyms : HGF activator; HGFA; Hgfac; MGC138395; MGC138397

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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