

Rev02
 Update: Aug,08,2025

DATASHEET

HGF R/c-MET, His, Cynomolgus

Cat. No.: Z04807

Product Introduction

Species	Cynomolgus
Protein Construction	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> HGF R/c-MET (Glu25-Asn930) Accession # A0A2K5UM36 </div> <div style="background-color: #76923c; color: white; padding: 5px; text-align: center;"> His </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized HGF R/c-MET, His, Cynomolgus at 5µg/ml (100µl/well) on the plate can bind AntiHGF R Antibody, hFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	32.5 kDa (α chain) and 69.9 kDa (β chain)
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 45-52 kDa (α chain) and 75-82 kDa (β chain) based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.2).
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.

Background

Target Background : c-Met, also called tyrosine-protein kinase Met or hepatocyte growth factor receptor (HGFR), is a protein that in humans is encoded by the MET gene. The protein possesses tyrosine kinase activity. The primary single chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide linked to form the mature receptor. Following activation by ligand, interacts with the PI3-kinase subunit PIK3R1, PLCG1, SRC, GRB2, STAT3 or the adapter GAB1.

Synonyms : MET; oncogene MET; HGF R; HGF/SF receptor; AUTS9; cMET; Met (c-Met); RCCP2; SF receptor

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GenScript USA, Inc.

860 Centennial Ave. Piscataway, NJ 08854

Tel: 1-732-885-9188

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Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China

GenScript USA, Inc.

860 Centennial Ave. Piscataway, NJ 08854

Tel: 1-732-885-9188