

Recombinant Cynomolgus MME protein, His-tagged

Cat. No. MME-1627C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus MME protein(G7NZK8)(Asp53-Trp750), fused with N-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	N-His
ProteinLength	Asp53-Trp750
Tag	N-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPPGFSAFK (Dnp) -OH. The specific activity is > 1200 pmoles/min/µg.
Molecular Mass	The protein has a predicted MW of 80.69 kDa. Due to glycosylation, the protein migrates to 81-110 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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

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

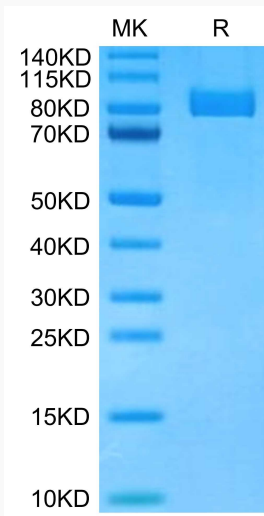
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defrost freezer and avoid repeated freeze-thaw cycles.

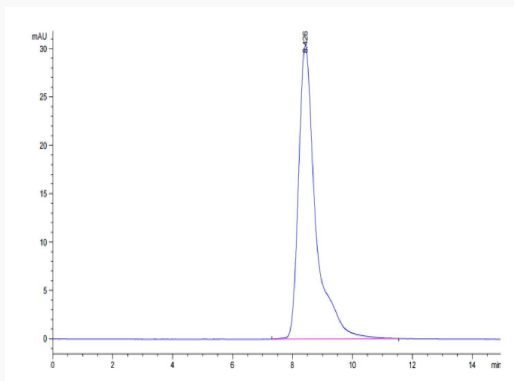
Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Tris-Bis PAGE



SEC-HPLC



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