

Recombinant Cynomolgus KLKB1 protein, His-tagged

Cat. No. KLKB1-1499C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus KLKB1 protein(A0A2K5VTJ9)(Gly20-Ala638), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	C-His
ProteinLength	Gly20-Ala638
Tag	C-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 a flourogenic peptide substrate Pro-Phe-Arg-7-amid o-4-methylcoumarin (PFR-AMC). The specific activity is > 800 pmol/min/µg
Molecular Mass	The protein has a predicted MW of 70.19 kDa. Due to glycosylation, the protein migrates to 75-85 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

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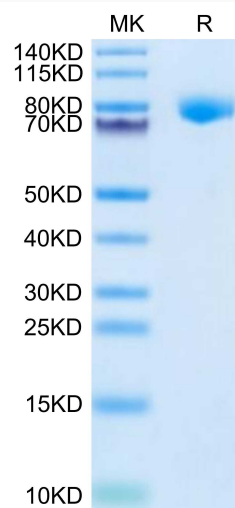
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defrost freezer and avoid repeated freeze-thaw cycles.

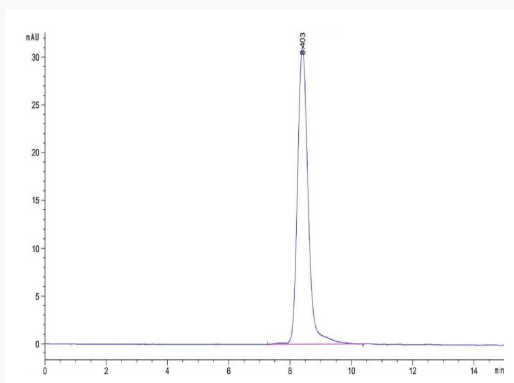
Reconstitution

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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