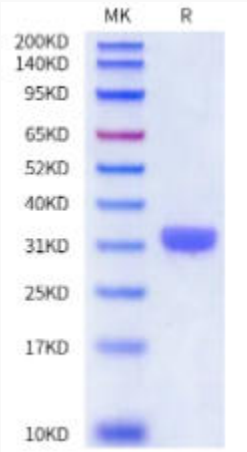
Active Recombinant Cynomolgus KLK3 protein, His-tagged, Low Endotoxin

Cat. No. KLK3-4569C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus KLK3 protein(Q6DT45)(25-261 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	25-261 aa
Form	Lyophilized from 0.22 μm filtered solution in 50mM Tris, 150mM NaCl, 8% trehalose, 0.05%Brij-35 (pH 7.5).
Bio-activity	Measured by its ability to cleave the colorimetric peptide substrate, Succinyl-Arg-Pro-Tyr-p-Nitroanilide (Suc-RPY-pNA). The specific activity is >100 pmol/min/μg.
Molecular Mass	The protein has a predicted MW of 27.76 kDa. Due to glycosylation, the protein migrates to 30-38 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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	for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.
Bis-Tris PAGE	

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