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

Cat. No. KLK3-6452C **Lot. No.** (See product label)

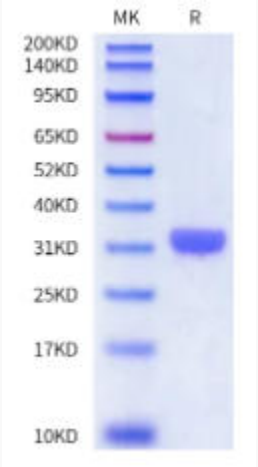
SPECIFICATION

Product Overview	Active Recombinant Cynomolgus KLK3 protein(Q6DT45)(Ile25-Pro261) is expressed from HEK293 with His tag at the C-terminus.
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	-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 for optimal

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Official Symbol	KLK3
Bis-Tris PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA