

Active Recombinant Human KLK3 protein(Primary Amine Labeling), His-tagged, Biotinylated

Cat. No. KLK3-1258H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human KLK3 protein(Primary Amine Labeling)(P07288-1)(Ile25-Pro261) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	25-261 aa
Conjugation/Label	Biotin; Primary Amine Labeling
Form	Lyophilized from 0.22 µm filtered solution in 50mM Tris, 150mM NaCl, 8% trehalose, 0.05% Brij-35 (pH 7.5).
Bio-activity	Immobilized Biotinylated Human Kallikrein 3, His Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-Kallikrein 3 Antibody, hFc Tag with the EC50 of 1.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 27.7 kDa. Due to glycosylation, the protein migrates to 31-38 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.

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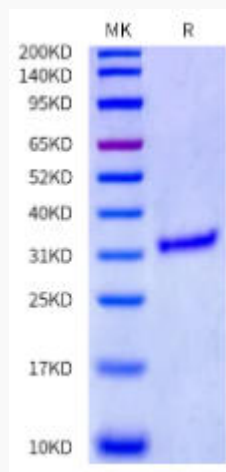
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	KLK3 kallikrein-related peptidase 3 [Homo sapiens]
Official Symbol	KLK3
Synonyms	KLK3; kallikrein-related peptidase 3; APS, kallikrein 3, (prostate specific antigen); prostate-specific antigen; PSA; seminin; P-30 antigen; kallikrein-3; semenogelase; gamma-seminoprotein; prostate specific antigen; APS; hK3; KLK2A1;
Gene ID	354
mRNA Refseq	NM_001030047
Protein Refseq	NP_001025218
MIM	176820
UniProt ID	P07288

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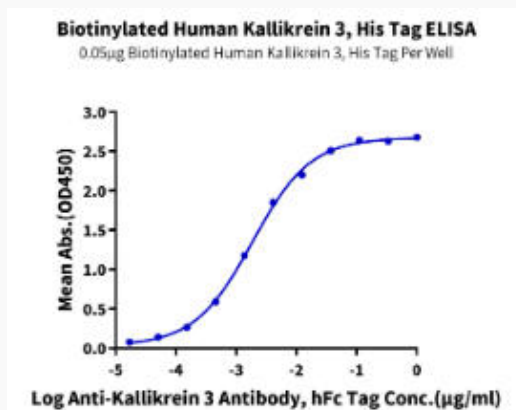
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Bis-Tris PAGE



ELISA Data



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