Biotinylated Human Kallikrein 2/KLK2 Protein (active form)

Catalog # KLK2-HB001 Form: Lyophilized

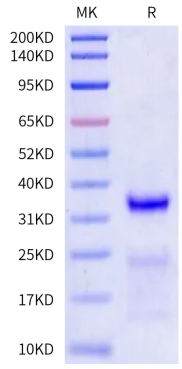
Product Details

Product description	Recombinant Biotinylated Human Kallikrein 2/KLK2 Protein (active form) is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Ile25-Pro261 (UniProt accession: P20151-1).
Molecular aliases	KLK2; Kallikrein 2; hGK-1; hK2; KLK2A2;hGK1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 29.21 kDa. Due to glycosylation, the protein migrates to 32-38 kDa based on Bis-Tris PAGE result.
Purity	> 85% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in 20mM Tris, 150mM NaCl, 8% trehalose, 0.05% Brij-35, 5mM Benzamidine (pH 8.0).
State	Lyophilized
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. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Human Kallikrein 2 on Bis-Tris PAGE under reduced condition. The purity is greater than 85%.