

Recombinant Human Kallikrein-4/KLK4 Protein

Catalog No.: RP00838 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	9622	Q9Y5K2

Tags

C-His

Synonyms

KLK4;AI2A1;ARM1;EMSP;EMSP1;KLK-L1;PRSS17;PSTS;kallikrein

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
25.44 kDa	25-32 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM TrisHCl, 150mM NaCl, pH8.0. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Basic Information

Description

Recombinant Human Kallikrein-4/KLK4 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ser27-Ser254) of human Kallikrein 4/EMSP1/KLK4 (Accession #Q9Y5K2) fused with a 6×His tag at the C-terminus.

Bio-Activity

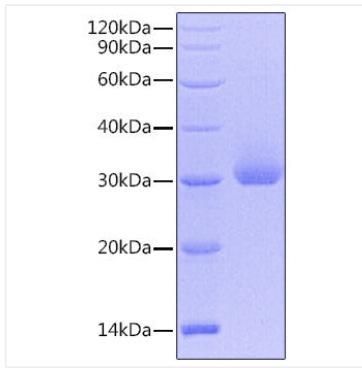
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Kallikrein-4/CLK4
Protein was determined by SDS-PAGE under
reducing conditions with Coomassie Blue.