

# Recombinant Human Kallikrein-4/KLK4 Protein

Catalog No.: RP00838

## Sequence Information

### Species Gene ID

Human 9622

### Swiss Prot Tags

Q9Y5K2 C-His

### Synonyms

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

## Product Information

### Source Purification

HEK293 cells ≥ 95 % as determined 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.

## 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.

#### Activity

#### Shipping

Lyophilized proteins are shipped at ambient temperature.  
Liquid proteins are shipped at frozen temperature with dry ice.  
Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at -20°C

#### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

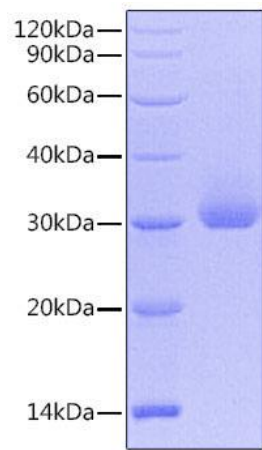
## Contact

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# Validation Data



Recombinant Human Kallikrein-4/KLK4 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.