

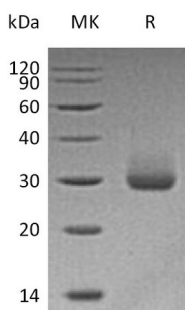
**Product Name: Recombinant Human KLK4 (C-6His)**  
**Catalog #: PHH1036**



## Summary

<b>Name</b>	Kallikrein 4/EMSP1/KLK4
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Kallikrein 4 is produced by our Mammalian expression system and the target gene encoding Ser27-Ser254(His197Gln) is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	Q9Y5K2
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	25.44 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



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**Alternative Names**

Kallikrein-4; Enamel Matrix Serine Proteinase 1; Kallikrein-Like Protein 1; KLK-L1; Prostase; Serine Protease 17; KLK4; EMSP1; PRSS17; PSTS

**Background**

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many Kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen members of the Kallikrein subfamily located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein.

**Note**

For Research Use Only , Not for Diagnostic Use.