

## Kallikrein-8

Catalog No: #AP78619

Package Size: #AP78619-1 50ug #AP78619-2 100ug #AP78619-3 1mg

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## Description

Product Name	Kallikrein-8
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	33-260AA
Other Names	UNQ283/PRO322,NRPN,PRSS19,TADG14,Neuropsin,Ovasin,Serine protease 19,Serine protease TADG-14,Tumor-associated differentially expressed gene 14 protein,NP
Accession No.	O60259Gene name:KLK8
Uniprot	O60259
GeneID	11202;
Calculated MW	25.08
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Serine protease which is capable of degrading a number of proteins such as casein, fibrinogen, kininogen, fibronectin and collagen type IV. Also cleaves L1CAM in response to increased neural activity. Induces neurite outgrowth and fasciculation of cultured hippocampal neurons. Plays a role in the formation and maturation of orphan and small synaptic boutons in the Schaffer-collateral pathway, regulates Schaffer-collateral long-term potentiation in the hippocampus and is required for memory acquisition and synaptic plasticity. Involved in skin desquamation and keratinocyte proliferation. Plays a role in the secondary phase of pathogenesis following spinal cord injury.

## References

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Note: This product is for in vitro research use only