9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6818: KLK8 Mouse

Alternative Name : Ovasin, PRSS19, TADG14, NRPN, NP, Kallikrein 8 (Neuropsin/Ovasin) 2 EC 3.4.21.118, Kallikrein-8, Neuropsin, EC 3.4.21 61, HNP, HK8

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Kallikrein-8 is a serine protease which degrades various proteins such as casein, fibrinogen, kininogen, fibronectin and collagen type IV. Kallikrein-8 takes part 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 essential for memory acquisition and synaptic plasticity. Kallikrein-8 participates in the secondary phase of pathogenesis following spinal cord injury and also takes part in skin desquamation and keratinocyte proliferation.
KLK8 Mouse Recombinant produced in Sf9 is a single, glycosylated polypeptide chain containing 240 amino acids (29-260) and having a molecular mass of 26.5kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). The KLK8 is fused to an 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	KLK8 protein 0.5mg/ml is supplied in PBS, pH-7.4, and 10% Glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	QGSKILEGRE CIPHSQPWQA ALFQGERLIC GGVLVGDRWV LTAAHCKKQK YSVRLGDHSL QSRDQPEQEI QVAQSIQHPC YNNSNPEDHS HDIMLIRLQN SANLGDKVKP VQLANLCPKV GQKCIISGWG TVTSPQENFP NTLNCAEVKI YSQNKCERAY PGKITEGMVC AGSSNGADTC QGDSGGPLVC DGMLQGITSW GSDPCGKPEK PGVYTKICRY TTWIKKTMDN RDLEHHHHHH.

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