

Active Recombinant Mouse Kng1 Protein, His-tagged

Cat. No. Kng1-909M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Kng1 (Accession # O08677) Glu21-Ser661, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Glu21-Ser661
Predicted N Terminal	Glu21 (mature and heavy chains) & Ser389 (light chain)
Form	Lyophilized from a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to inhibit papain cleavage of a fluorogenic peptide substrate Z-FR-AMC. The IC50 value is <5 nM, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Kng1, His-tagged has a calculated MW of 72 kDa (mature), 38 kDa (heavy) & 31 kDa (light). In SDS-PAGE migrates as 120 kDa, 60 kDa, 48 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Kng1 kininogen 1 [Mus musculus]
Official Symbol	Kng1
Synonyms	KNG1; kininogen 1; kininogen-1; H-kininigen; L-kininogen; Kng; MGC123437;
Gene ID	16644
mRNA Refseq	NM_001102411
Protein Refseq	NP_001095881
MIM	

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