

Datasheet for ABIN7607228

KNG1 Protein (AA 19-644) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	KNG1
Protein Characteristics:	AA 19-644
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This KNG1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human KNG1 Protein, C-10*His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit papain cleavage of a fluorogenic peptide substrate Z-FR-AMC. The IC50 value is < 3 nM, as measured under the described conditions.

Target Details

Target:	KNG1
Alternative Name:	Kininogen-1 (KNG1 Products)

Target Details

Background:	Kininogen-1, Kallidin II, Fitzgerald factor, KNG, Alpha-2-thiol proteinase inhibitor, Kallidin I, Williams-Fitzgerald-Flaujeac factor, High molecular weight kininogen, HMWK, KNG1, Ile-Ser-Bradykinin, BDK
UniProt:	P01042
Pathways:	ACE Inhibitor Pathway , Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months