

Datasheet for ABIN7312766
KNG1 Protein (AA 19-427) (His tag)



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Overview

Quantity:	50 µg
Target:	KNG1
Protein Characteristics:	AA 19-427
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KNG1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human KNG1 Protein is produced by our Mammalian expression system and the target gene encoding Gln19-Ser427 is expressed with a 6His tag at the C-terminus.
Sequence:	QESQSEEIDC NDKDLFKAVD AALKKYNSQN QSNNQFVLYR ITEATKTVGS DTFYSFKYEI KEGDCPVQSG KTWQDCEYKD AAKAATGECT ATVGKRSSTK FSVATQTCQI TPAEGPVVTA QYDCLGCVHP ISTQSPDLEP ILRHGIQYFN NNTQHSSLFM LNEVKRAQRQ VVAGLNFRMT YSIVQTNCSK ENFLFLTPDC KSLWNGDTGE CTDNAYIDIQ LRIASFQNC DIYPGKDFVQ PPTKICVGCP RDIPTNSPEL EETLHTITK LNAENNATFY FKIDNVKKAR VQVVAGKKYF IDFVARETTC SKESNEELTE SCETKKLGQS LDCNAEVYVV PWEKKIYPTV NCQPLGMISL MKRPPGFSPF RSSRIGEIKE ETTSHLRSC EYKGRPPKAGA EPASEREVSL DHHHHHHH
Purity:	Greater than 95 % as determined by SEC-HPLC and reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Product Details

Endotoxin Level: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Target Details

Target: KNG1

Alternative Name: KNG1 ([KNG1 Products](#))

Gene ID: 3827

UniProt: [P01042](#)

Pathways: [ACE Inhibitor Pathway](#), [Glycosaminoglycan Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 μM filtered solution of 20 mM Hac-NaAC, 150 mM NaCl, pH 4.0

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.