

Data Sheet

HUMAN UROGUANYLIN (aa 1-24)

SYNTHETIC

Catalog no.:	AE1018AG.1 / AE1018AG.2
Name:	Human Uroguanylin (aa 1-24), circulating form, bicyclic
Sequence:	FKTLRTIANDDCELCVNVACTGCL
Synonyms:	UGN
Swiss-Prot No:	Q16661
Gene Information:	Gene Name: GUCA2B GeneID: 2981
Source:	Synthetic
Purity:	> 95% (HPLC)
Contents:	10 µg / 100 µg (lyophilized) Resuspend in 0.1% acetic acid for required concentration
Store at:	- 20 °C Repeated thawing and freezing must be avoided

Reference:	<ol style="list-style-type: none">Hess R, Kuhn M, Schulz-Knappe P, Raida M, Fuchs M, Klodt J, Adermann K, Kaefer V, Cetin Y, Forssmann WG (1995). GCAP-II: isolation and characterization of the circulating form of human uroguanylin. <i>FEBS Lett</i> 374(1): 34-38.Klodt J, Kuhn M, Marx UC, Martin S, RÖUsch P, Forssmann W-G, Adermann K (1997). Synthesis, biological activity and isomerism of guanylate cyclase C-activating peptides guanylin and uroguanylin. <i>The Journal of Peptide Research</i> 50(3): 222-230.Marx UC, Klodt J, Meyer M, Gerlach H, Rösch P, Forssmann WG, Adermann K (1998). One peptide, two topologies: structure and interconversion dynamics of human uroguanylin isomers. <i>The Journal of Peptide Research</i> 52(3): 229-240.Lenz W, Herten M, Gerzer R, Drummer C (1999). Regulation of natriuretic peptide (urodilatin) release in a human kidney cell line. <i>Kidney Int</i> 55(1): 91-99.
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Last updated on: 12 May 2022

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