

## Data Sheet

# HUMAN UROGUANYLIN (aa 1-24)

## SYNTHETIC

<b>Catalog no.:</b>	AE1018AG.1 / AE1018AG.2
<b>Name:</b>	Human Uroguanylin (aa 1-24), circulating form, bicyclic
<b>Sequence:</b>	FKTLRTIANDDCELCVNVACTGCL
<b>Synonyms:</b>	UGN
<b>Swiss-Prot No:</b>	Q16661
<b>Gene Information:</b>	Gene Name: GUCA2B GeneID: 2981
<b>Source:</b>	Synthetic
<b>Purity:</b>	> 95% (HPLC)
<b>Contents:</b>	10 µg / 100 µg (lyophilized) Resuspend in 0.1% acetic acid for required concentration
<b>Store at:</b>	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
<b>Reference:</b>	<ol style="list-style-type: none"><li>1. 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> <b>374</b>(1): 34-38.</li><li>2. 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> <b>50</b>(3): 222-230.</li><li>3. 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> <b>52</b>(3): 229-240.</li><li>4. 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> <b>55</b>(1): 91-99.</li></ol>
<b>Last updated on:</b>	21 March 2018

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