

# Product Data Sheet

## [Des-octanoyl]-Ghrelin (Human)

Catalog #	Source	Reactivity	Applications
CCP1508	Synthetic		
<b>Description</b>	Peptide to [Des-octanoyl]-Ghrelin (Human)		
<b>Biological Description</b>	Most circulating ghrelin is des-octanoyl ghrelin. The non-acylated ghrelin was considered inactive at first, though biological activities such as stimulation of adipogenesis and control of cell growth could be demonstrated more recently. Both ghrelin and the more abundant endogenous form des-octanoyl ghrelin could play a role in the paracrine regulation of vascular tone in humans.		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	313951-59-6		
<b>Molecular Formula</b>	C141H235N47O41		
<b>Molecular Weight</b>	3244.74		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	Gly - Ser - Ser - Phe - Leu - Ser - Pro - Glu - His - Gln - Arg - Val - Gln - Gln - Arg - Lys - Glu - Ser - Lys - Lys - Pro - Pro - Ala - Lys - Leu - Gln - Pro - Arg		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		
<b>Structure</b>			

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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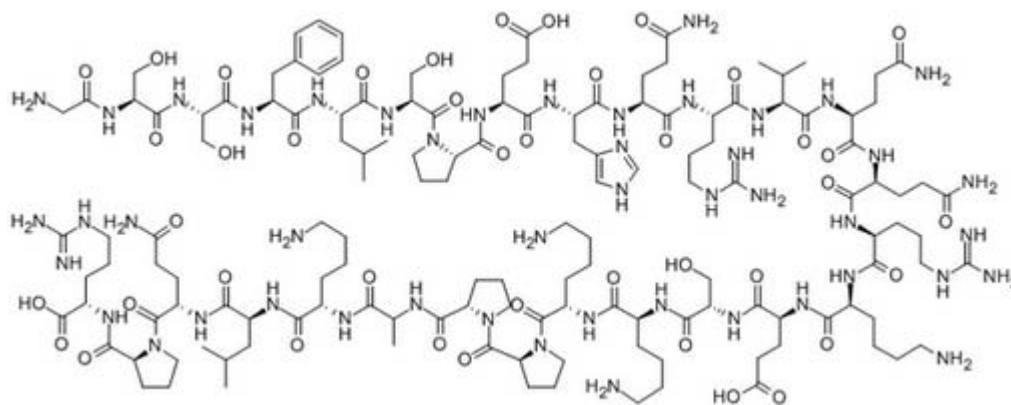
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