

Product Datasheet

Urocortin III (human) (orb1981279)

Description	Urocortin III (human) is a corticotropin-releasing factor (CRF)-related peptide that primarily interacts with and activates the CRF receptor type 2 (CRF-R2), showing a specific distribution in the central nervous system and periphery. It selectively binds to type 2 CRF receptors with dissociation constants (K _i values) of 13.5 nM for mouse CRF2β, 21.7 nM for rat CRF2α, and > 100 nM for human CRF1, indicating a strong preference for CRF-R2 over CRF1. Additionally, Urocortin III (human) plays a crucial role in the somatostatin-dependent negative feedback mechanism regulating the secretion of Insulin (human).
Storage	-20°C
Note	For research use only
Formula	C ₁₈₅ H ₃₀₇ N ₅₃ O ₅₀ S ₂
Purity	98.00%
MW	4137.93
CAS Number	357952-09-1
Expiration Date	12 months from date of receipt.

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