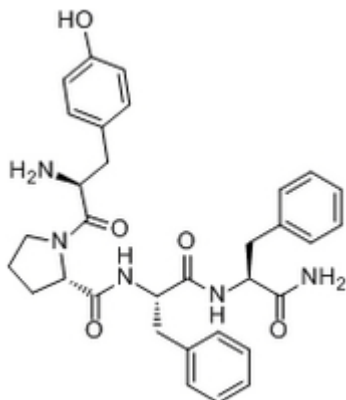


Endomorphin-2

Catalog #	Source	Reactivity	Applications
CCP1188	Synthetic		
Description	Peptide to Endomorphin-2		
Biological Description	Endomorphin-2 (YPFF-amide) shows, as endomorphin-1, the highest affinity and specificity for the mu-opiate receptor found so far in the mammalian nervous system. It has potent mu-selective bioactivity, including analgesia. Szegedi et al. showed that endomorphin-2 is a potent mu-selective analgesic.		
Form	Lyophilized powder		
CAS Number	141801-26-5		
Molecular Formula	C32H37N5O5		
Molecular Weight	571.68		
Purity	> 95%		
Chemical Structure	H - Tyr - Pro - Phe - Phe - NH ₂		
Storage/Stability	Shipped at 4°C. Store at -20°C for one year.		
Structure			

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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