

## Prepronociceptin Human Recombinant

<b>Item Number</b>	rAP-3945
<b>Synonyms</b>	Prepronociceptin, Nocistatin, OFQ, Pre-Pro-N/OFQ, Pronociceptin, Orphanin FQ, Nociceptin, PpN/OFQ, N/OFQ, PPNOC.
<b>Description</b>	PNOC Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 180 amino acids (20-176) and having a molecular mass of 20.6kDa.&nbsp;PNOC is fused to a 23 amino acid His-tag at N-terminus.
<b>Uniprot Accesion Number</b>	Q13519
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSSCQRDCL TCQEKLHPAL DSFDLEVCIL ECEEKVFPSP LWTPCTKVMA RSSWQLSPAA PEHVAAALYQ PRASEMQLR RMPRVRSFLQ EQEEPEPGME EAGE- MEQKQL QKRFGGFTGA RKSARKLANQ KRFSEFMRQY LVLSMQSSQR RRTLHQNGNV.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	PNOC protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**