9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

PNOC Human

Prepronociceptin Human Recombinant
RCP1672

Product Overview

Name	PNOC Human
Description	
Prepronociceptin Human Recombinant	
Accession (Primary)	Q13519
Synonyms	
Prepronociceptin, Nocistatin, OFQ, Pre-Pro-N/OFQ, Pronociceptin, Orphanin FQ, Nociceptin, PpN/OFQ, N/OFQ, PPNOC.	
Introduction	
Prepronociceptin (PNOC) is the ligand of the opioid receptor-like receptor (OPRL1). PNOC functions as a transmitter in the brain by modulating nociceptive and locomotor behavior. The PNOC protein may also be involved in neuronal differentiation and development.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
PNOC protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS SCQRDCL TCQEKLHPAL DSFDLEVCIL ECEEKVFPSP LWTPCTKVMA RSSWQLSPAA PEHVAAALYQ PRASEMQHLR RMPRVRSLFQ EQEEPEPGME EAGEMEQKQL QKRFGGFTGA RKSARKLANQ KRFSEFMRQY LVLSMQSSQR RRTLHQNGNV.	
Precautions	
PNOC Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q13519)