

Recombinant Human PNOC Protein (Ser20-Val176), His tagged

Cat. No. PNOC-4940H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PNOC (Ser20-Val176) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser20-Val176
Description	MiscellaneousNociceptin: Ligand of the opioid receptor-like receptor OPRL1. It may act as a transmitter in the brain by modulating nociceptive and locomotor behavior. May be involved in neuronal differentiation and development. Nocistatin: Blocks nociceptin action in pain transmission by inhibiting nociceptin-induced hyperalgesia and allodynia.By similarity Orphanin FQ2: Has potent analgesic activity.
Form	Lyophilized powder/frozen liquid
Molecular Mass	20.36 kDa
Purity	>90% as determined by SDS-PAGE.

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	PNOC prepronociceptin [Homo sapiens (human)]
Official Symbol	PNOC
Synonyms	PNOC; prepronociceptin; nocistatin; PPNOG; nociceptin; propronociceptin;
Gene ID	5368
mRNA Refseq	NM_006228
Protein Refseq	NP_006219
MIM	601459
UniProt ID	Q13519

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