

PNOC, 20-176aa, Human His tag, E.coli

Cat.NO.: TP03446

3th Edition

Synonyms:prepronociceptin , PPNOC

Description:Prepronociceptin, also known as PNOC, is the ligand of the opioid receptor-like receptor (OPRL1). It may act as a transmitter in the brain by modulating nociceptive and locomotor behavior. This protein may be involved in neuronal differentiation and development. Recombinant human PNOC protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight:20.6 kDa (180aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSSCQRDCLTCQEKLHPALDSFDLEVCILECEEKVFPSPLWTPCTKVMARSSW
QLSPAPEHVAAALYQPRASEMQHLRRMPRVRSFLFQEEPEPGMEEAGEMEQLKQKRFGGFTGARKSARKL
ANQKRFSEFMRQYLVLMSQSSQRRRTLHQNGV

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.