

AR50893PU-S

Human Nociceptin (20-176, His-tag) - Purified

Alternate names:

Pnoc

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q13519](#)

NCBI:

[NP_006219](#)

GeneID:

[5368](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Description:

Recombinant human PNOC protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHHH SGLVPRGSH MGSSCQRDCL TCQEKLHPAL DSFDLEVCIL ECEEKVFPSP
LWTPCTKVMA RSSWQLSPAA PEHVAAALYQ PRASEMQHLR RMPRVRSFLQ EQEEPEPGME
EAGEMEQQQL QKRFGGFTGA RKSARKLANQ KRFSEFMRQY LVLSMQSSQR RRTLHQNGNV
Molecular weight: 20.6 kDa (180aa)

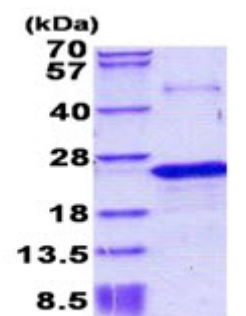
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Fiset M.E., et al. (2003) Biochemistry. 42:10498-10505 Nothacker H.-P., et al. (1996) Proc. Natl. Acad. Sci. U.S.A. 93:8677-8682

Pictures:



15% SDS-PAGE (3ug)