



Recombinant Human NPR3 Protein Product Manual

1. Product Basic Information

Product No.: REP07628

Protein Name: NPR3

Aliases: NPRC; ANP-ANPRC; BOMOS; NPR-ANPR-GUCY2B; C5orf23

UniProt ID: P17342

UniProt Link: <https://www.uniprot.org/uniprotkb/P17342/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (27-481aa)

Molecular Weight: 51.8 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (27-481aa)

GGVGGGGGGAGIGGGGRQEREALPPQKIEVLVLLPQDDSYLFSLTRVRPAIEYALRS
VEGNGTGRLLPPGTRFQVAYEDSDCGNRALFSLVDRVAAARGAKPDLILGPVCEY
AAPVARLASHWDLPLMSAGALAAGFQHKDSEYSHLTRVAPAYAKMGEMMLALFR
HHHWSRAALVYSDDKLERNICYFTLEGVHEVFQEEGLHTSIYSFDETKDLDLEDIVR
NIQASERVVIMCASSDTIRSIMLVAHRHGMTSGDYAFFNIELFNSSSYGDGSWKRG
DKHDFEAKQAYSSLQTVTLRLTKPEFEKFSMEVKSSVEKQGLNMEDYVNMFVEG
FHDAILLYVLALHEVLRAGYSKKDGGKIIQQTWNRTFEGAGQVSIDANGDRYGDFFS
VIAMTDVEAGTQEVIGDYFGKEGRFEMRPNVKYPWGPLKLRIDENRIVEHTNSSPC
KSSGGLEE

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization: Lyophilized from a 0.2 μ m filtered PBS, 6% Trehalose, pH 7.4



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NPR3 partial protein (27-481aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. NPR3, also known as NPRC or ANP-ANPRC or BOMOS, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.