



Recombinant avian paramyxovirus 4 NP Protein Product Manual

1. Product Basic Information

Product No.: REP07619

Protein Name: Purine Nucleoside Phosphorylase (NP)

Aliases: purine nucleoside phosphorylase

UniProt ID: P04665

UniProt Link: <https://www.uniprot.org/uniprotkb/P04665/entry>

Species Source: avian paramyxovirus 4

Expression System: Mammalian cell

Protein Length: Full Length (1-457aa)

Molecular Weight: 81.0 kDa

Protein Tag: C-terminal hFc1-tagged

2. Amino Acid Sequence (1-457aa)

MAGVFSQYERFVDNQSQVSRKDHRS LAGGCLKVNIPMLVTASEDPTTRWQLACLS
LRLISNSSTS AIRQGAILTMSLPSQNM RATAAIAGSTNA AVINTMEVLSVNDWTPS
FDRSGLSEEDAQVFRDMARDLPPQFTSGSPF TSALAE GFTPEDTHDLMEALTSVL
IQIWILVAKAMTNIDGSGEANERR LAKYIQKGQLNRQFAIGNPARLI IQQTIKSSLTVR
RFLVSELRASRGAVKEGSPYYAAVGDIHAYIFNAGLTPFLTTLRYGIGTKYAAVALSV
FAADIAKLKSLTLYQDKGVEAGYMALLED PDSMHFAPGNFPHMYSYAMGVASYH
DPSMRQYQYARRFLSRPFYLLGRDMAAKNTGTLDEQLAKELQV SERDRAALSAAIQ
SAMEGGESDDFPLSGSMPALSENAQPVTPRPQQSQLSPPQSSNMPQSAPRTPDY
QPDFEL

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).

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 avian paramyxovirus 4 NP full length protein (1-457aa) expressed in Mammalian cell. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. NP, also known as purine nucleoside phosphorylase, 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.