



Recombinant Human NOP58 Protein Product Manual

1. Product Basic Information

Product No.: REP07614

Protein Name: Nucleolar Protein Nucleolar Protein 58 (NOP58)

Aliases: NOP5; HSPC120; NOP5/NOP58; nucleolar protein nucleolar protein 58; NOP58 ribonucleoprotein; nucleolar protein NOP5/NOP58; NOP58 ribonucleoprotein homolog

UniProt ID: Q9Y2X3

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y2X3/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-529aa)

Molecular Weight: 75.6kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (1-529aa)

MLVLFETSVGYAIFKVLNEKKLQEVDSLWKEFETPEKANKIVKLKHFEKFQDTAEALA
AFTALMEGKINKQLKKVLKKIVKEAHEPLAVADAKLGGVKEKLNLSCHSPVVELM
RGIRSQMDGLIPGVEPREMAAMCLGLAHSLSRYRLKFSADKVDTMIVQAISLLDDL
KELNNYIMRCREWYGWHFPELGKIISDNLTCKCLQKVGDRKNYASAKLSELLPEE
VEAEVKAAAEISMGTEVSEEDICNHLCTQVIEISEYRTQLYEYLQNRMMIAIPNVT
VMVGELVGARLIAHAGSLLNLAKHAASVQILGAEKALFRALKSRRDTPKYGLIYHAS
LVGQTSPKHKGKISRMLAAKTVLAIRYDAFGEDSSSAMGVENRAKLEARLRTLEDR
GIRKISGTGKALAKTEKYEYHKSEVKTYDPSGDSTLPTCSKKRKIEQVDKEDEITEKKA
KKAKIKVKVEEEEEEEKVAEEEEETSVKKKKKRGKKKKHIKEEPLSEEEPTSTAIASPEK
KKKKKKKKRENE

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 Human NOP58 full length protein (1-529aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. NOP58, also known as NOP5 or HSPC120 or NOP5/NOP58, 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.