



Recombinant Rat NUP62 Protein Product Manual

1. Product Basic Information

Product No.: REP07667

Protein Name: Nucleoporin 62 (NUP62)

Aliases: p62; IBSN; SNDI; nucleoporin 62; nucleoporin 62kD; nucleoporin 62kDa; nucleoporin Nup62; 62 kDa nucleoporin; nuclear pore glycoprotein p62

UniProt ID: P37198

UniProt Link: <https://www.uniprot.org/uniprotkb/P37198/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-525aa)

Molecular Weight: 59.3 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (2-525aa)

SGFNFGGTGAPAGGFTFGTAKTATTTTPATGFSFSASGTGTGGFNFGTPSQPAATT
PSTSLFSLATQTSTTQTPGFNFGTTPASGGTGFSLGISTPKLSLSSTAATPATANTG
SFGLGSSTLTNAISGASTSSQGTAPTGFVFGSSTTSAPSTGTTGFSFTSGSASQPG
ASGFNIGSVGSLAQPTALSGSPFTPATLATTTAGATQPAAATPTAATTSAGSTLFASI
AAPASSSTTVLSLSAPATTAATPTAGTLGFSLKAPGAAPGASTTSTTTTTTTTTTTTA
STSSSTTTTGFAISLKPLVPAGPSSVAATALPASSTAVGTTTGPAMTYAQLESLINK
WSLELEDQERHFLQQATQVNAWDRTLIENGEKITS LHREVEKVKLDQKRLDQELDFI
LSQQKELEDLLSPLEESVKEQSGTIYLQHADEEREKTYKLAENIDAQLKRMAQDLKD
IIEHLNMAGGPADTSDPLQQICKILNAHMDSLQWVDQSSALLQRRVEEASRVCESR
RKEQERSLRIFA

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

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 Rat NUP62 full length of mature protein protein (2-525aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. NUP62, also known as p62 or IBSN or SNDI, 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.