

## Recombinant Rat Nup54 protein

**Cat. No.** Nup54-4920R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Nup54 protein(P70582)(1-510 aa) was expressed in Yeast.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-510 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AASequence</b>       | <p>MAFNFGAPSG TSGTSTATAA PAGGFGGFGT TTTTAGSAFS FSAPTNTGST</p> <p>GLLGGTQNK GFGGTGFGTS TGTGTGLGTG LGTGLGFGGF NTQQQQQQQQ</p> <p>TSLGGLFSQP AQAPASQNL INTASALSAP TLLGDERDAI LAKWNQLQAF</p> <p>WGTGKGYFNN NIPPVEFTQE NPFCRFKAVG YSCMPNNKDE DGLVVLIFNK</p> <p>KETDIRSQQQ QLVESLHKVL GGNQTLTVNV EGIKTLRDDQ TEVVIYIVER</p> <p>SPNGTSRRVP ATTLYAHFEQ ANIKTQLQQL GVTLSMTRTE LSPAQIKQLL</p> <p>QNPPAGVDPI IWEQAKVDNP DSEKLIPVPM VGFKELLRRL KVQDQMTKQH</p> <p>QTRLDIISED ISELQKNQTT TMAKIAQYKR KLMDLSHRTL QVLIKQEIQR</p> <p>KSGYAIQAE EQLRVQLDTI QGELNAPTQF KGRNLNLSMQ IRMQNHFGAV</p> <p>KSEKYYIDA DLLREIKQHL KQQQEGLSHL ISIIKDDLED IKLVEHGLNE</p> <p>TIHSRGGVFS</p> |
| <b>Purity</b>           | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

**GENE INFORMATION****Gene Name**

Nup54 nucleoporin 54 [ *Rattus norvegicus* ]

**Official Symbol**

Nup54

**Synonyms**

NUP54; nucleoporin 54; nuclear pore complex protein Nup54; nucleoporin p54; nucleoporin Nup54; 54 kDa nucleoporin;

**Gene ID**

53372

**mRNA Refseq**

NM\_017361

**Protein Refseq**

NP\_059057

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