

Recombinant Rat RGN Protein

Product Manual

1. Product Basic Information

Product No.: REP08043

Protein Name: Senescence Marker Protein 30 (RGN)

Aliases: RC; GNL; SMP30; HEL-S-41; regucalcin; gluconolactonase; senescence marker protein 30; epididymis secretory protein Li 41

UniProt ID: Q15493

UniProt Link: <https://www.uniprot.org/uniprotkb/Q15493/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Full Length (1-299aa)

Molecular Weight: 51.9 kDa

Protein Tag: N-terminal 10xHis-SUMO-tagged

2. Amino Acid Sequence (1-299aa)

MSSIKIECVLRENYRCGESPVWEEASKCLLFVDIPSKTVCRWDSISNRVQVRGVDA
PVSSVALRQSGGYVATIGTKFCALNWEDQSVFILAMVDEDKKNRFNDGKVPDAG
RYFAGTMAEETAPAVLERHQGSLYSLFPDHSVKKYFDQVDISNGLDWSLDHKIFYI
DSLSYTVDAFDYDLPTGQISNRRTVYKMEKDEQIPDGMCIDVEGKLWVACYNGGR
VIRLDPETGKRLQTVKLPVDKTTSCCFGGKDYSEMYVTCARDGMSAEGLLRQPDA
GNIFKITGLGVKGIAPYSYAG

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



5. Product Description

This product is a recombinant Rat RGN full length protein (1-299aa) expressed in E.coli. The protein is with 10xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. RGN, also known as RC or GNL or SMP30, 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.