

Recombinant Human RIPK3 Protein Product Manual

1. Product Basic Information

Product No.: REP08058

Protein Name: Rip-Rip-Like Protein Kinase Receptor Interacting Protein Receptor Interacting Serine/Threonine Kinase Receptor-Interacting Serine/Threonine-Protein Kinase 3 (RIPK3)

Aliases: RIP-RIP-like protein kinase receptor interacting protein receptor interacting serine/threonine kinase receptor-interacting serine/threonine-protein kinase 3

UniProt ID: Q9Y572

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y572/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-518aa)

Molecular Weight: 72.9kDa

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

2. Amino Acid Sequence (1-518aa)

MSCVKLWPSGAPAPLVSIEELENQELVGKGGFGTVFRAQHRKWGYDVAVKIVNSK
AISREVKAMASLDNEFVLRLEGVIEKVNWDQDPKALVTKFMENGSLGGLLSQCP
RPWPLLCRLLKEVVLGMFYLDQNPVLLHRDLKPSNVLLDPELHVKLADFGFLSTFQ
GGSQSGTGSGEPGGTLGYLAPELNVNVRKASTASDVYSFGILMWAVLAGREVEL
PTEPSLVYEAVCNQRNRPVLAELPQAGPETPGLEGLKELMQLCWSSEPKDRPSFQ
ECLPKTDEVFQMVENNMNAAVSTVKDFLSQLRSSNRRFSIPESGQGGTEMDFRR
TIENQHSRNDVMVSEWLNKLNLEPPSSVPPKCPSTKRSRAQEEQVPQAWTAGT
SSDSMAQPPQTPETSTFRNQMPSTSTGTSPGPRGNQGAERQGMNWSCRTP
PNPVTGRPLVNIYNCVGVQVDNNYLTMQTTALPTWGLAPSGKGRGLQHPPPV
GSQEGPKDPEAWSRPQGWNHSGK

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)



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 Human RIPK3 full length protein (1-518aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. RIPK3, also known as RIP-RIP-like protein kinase receptor interacting protein receptor interacting serine/threonine kinase receptor-interacting serine/threonine-protein kinase 3, 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.