

Recombinant Rat RBP4 Protein

Product Manual

1. Product Basic Information

Product No.: REP08021

Protein Name: Retinol Binding Protein 4, Plasma (RBP4)

Aliases: RBP; PRBP; RDCCAS; MCOPCB10; retinol binding protein 4, plasma; retinol-binding protein 4, interstitial

UniProt ID: P02753

UniProt Link: <https://www.uniprot.org/uniprotkb/P02753/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (19-201aa)

Molecular Weight: 25.5 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (19-201aa)

ERDCRVSSFRVKENFDKARFSGWLWYAIKKDPEGLFLQDNIIAEFSVDEKGHMSAT
AKGRVRLLSNWEVCADMVGTFTDTEPAKFKMKYWGVASFLQRGNDHWHIIDTDY
DTFALQYSCRLQNLGTCADSYSFVFSRDPNGLTPETRRLVLRQRQEELCLERQYR
WIEHNGYCQSRPSRNSL

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).

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 RBP4 full length of mature protein protein (19-201aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. RBP4, also known as RBP or PRBP or RDCCAS, 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.