



Recombinant Bovine RBP3 Protein Product Manual

1. Product Basic Information

Product No.: REP08020

Protein Name: Interphotoreceptor Retinoid-Binding Protein (RBP3)

Aliases: IRBP; RBPI; RP66; D10S64; D10S65; D10S66; interphotoreceptor retinoid-binding protein

UniProt ID: P10745

UniProt Link: <https://www.uniprot.org/uniprotkb/P10745/entry>

Species Source: Bos taurus (Bovine)

Expression System: E.coli

Protein Length: Partial (933-1231aa)

Molecular Weight: 59.5 kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (933-1231aa)

AKVPTVLQTAGKLVADNYASPELGVKMAAELSGLQSRVYARVTSEAALAEELLQADLQ
VLSGDPHLKTAHIPEDAKDRIPGIVPMQIPSPEVFEDLIKFSFHTNVLEGNVGYLRFD
MFGDCELLTQVSELLVEHVWKKIVHTDALIVDMRFNIGGPTSSISALCSYFFDEGPPI
LLDKIYNRPNNSVSELWTLSQLGERYGSKKSMVILTSTLTAGAAEFTYIMKRLGR
ALVIGEVTSGGCQPPQTYHVDDTDLYLTIPTARSVGAADGSSWEGVGVVDPDAVPA
EAALTRAQEMLQHT

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



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

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 Bovine RBP3 partial protein (933-1231aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. RBP3, also known as IRBP or RBPI or RP66, 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.