

## Recombinant Bovine Retinol-binding protein 3

Catalog No: #AP72752



Package Size: #AP72752-1 20ug #AP72752-2 100ug #AP72752-3 1mg

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## Description

Product Name	Recombinant Bovine Retinol-binding protein 3
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:633-1231 aaSequence Info:Partial
Other Names	Interphotoreceptor retinoid-binding protein ;IRBPInterstitial retinol-binding protein;Protein 7S
Accession No.	P12661
Uniprot	P12661
GenelD	281443;
Calculated MW	66.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SLGELVEGTGRLLLEAHYARPEVVGQMGALLRAKLAQGAYRTAVDLESASQLTADLQEMSGDHRLLVFHSPG EMVAEEAPPPPPVPSPEELSYLIEALFKTEVLPGQLGYLRFDAMAELETVKAVGPQLVQLVWQKLVDTAALV VDLRYNPGSYSTAVPLLCSYFFEAEP RRHLYSVFDRATSRVTEVWTLPHVTGQRYGSHKDLYVLVSHSTGSA AEFAHTMQDLQRATIIGEPTAGGALSVGIYQVGSSALYASMPTQMAMSASTGEAWDLAGVEPDITVPMSVAL STARDIVTLRAKVPTVLQTAGKLVADNYASPELGVKMAAELSGLQSRVARTSEAALAE LLQADLQVLSGDPH LKTAHIPEDAKDRIPGIVPMQIPSEVFEDLIKFSFHTNVLEGNVGYLRFDMFGDCELLTQVSELLVEHVWKKIV HTDALIVDMRFNIGGPTSSISALCSYFFDEGPPILLDKIYNRPNNSVSELWTLSQLGEGERYGSKKSMVILTSTLTA GAAEFTYIMKRLGRALVIGEVTSGGCQPPQTYHVDDTDLYLTIPTARSVGAADGSSWEGVGVVDPDVAVPAE AALTRAQEMLQHT
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

IRBP shuttles 11-cis and all trans retinoids between the retinol isomerase in the pigment epithelium and the visual pigments in the photoreceptor cells of the retina.

## References

Interphotoreceptor retinoid-binding protein. Gene characterization, protein repeat structure, and its evolution.Borst D.E., Redmond T.M., Elser J.E., Gonda M.A., Wiggert B., Chader G.J., Nickerson J.M.J. Biol. Chem. 264:1115-1123(1989)Research Topic:Others

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Note: This product is for in vitro research use only