



Recombinant Bovine Retinol-binding protein 3 (RBP3), partial

Product Code	CSB-YP019482BO
Relevance	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.
Abbreviation	Recombinant Bovine RBP3 protein, partial
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.
Uniprot No.	P12661
Alias	Interphotoreceptor retinoid-binding protein ;IRBPInterstitial retinol-binding protein;Protein 7S
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SLGELVEGTGRLLLEAHYARPEVVGQMGALLRAKLAQGAYRTAVDLESLSASQLT ADLQEMSGDHRLLVFHSPGEMVAEEAPPPPPVPSPEELSYLIEALFKTEVLP GQLGYLRFDAMAELETVKAVGPQLVQLVWQKLVDTAALVVDLRYNPGSYSTA VPLLCSYFFEAEPRRHLYSVFDRATSRVTEVWTLPHVTGQRYGSHKDLYVLVS HTSGSAAEFAHTMQDLQRATIIGEPTAGGALSVGIYQVGSSALYASMPQTMA MSASTGEAWDLAGVEPDITVPMSVALSTARDIVTLRAKVPTVLQTAGKLVADN YASPELGVKMAAELSGLQSRYARVTSEAALAELLQADLQVLSGDPHLKTAHIP EDAKDRIPGIVPMQIPSPPEVFEDLIKFSFHTNVLEGNVGYLRFDMFGDCELLTQ VSELLVEHVWKKIVHTDALIVDMRFNIGGPTSSISALCSYFFDEGPPILLDKIYNR PNNSVSELWTLSQLEGERYGSKKSMVILTSTLTAGAAEFTYIMKRLGRALVIG EVTSGGCQPPQTYHVDDTDLYLTIPTARSVGAADGSSWEGVGVVDPDVAVPAE AALTRAQEMLQHT
Research Area	Others
Source	Yeast
Target Names	RBP3
Protein Names	Recommended name: Retinol-binding protein 3 Alternative name(s): Interphotoreceptor retinoid-binding protein Short name= IRBP Interstitial retinol-binding protein Protein 7S
Expression Region	633-1231aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

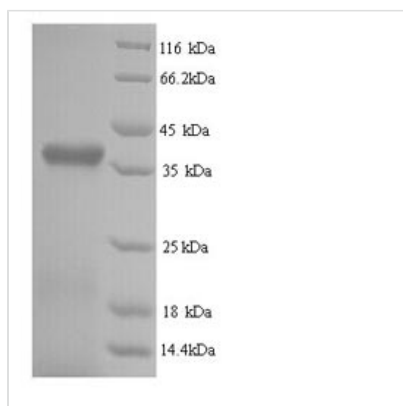


Tag Info N-terminal 6xHis-tagged

Mol. Weight 66.8kDa

Protein Length Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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