

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

Catalog No: #AP70703

Package Size: #AP70703-1 20ug #AP70703-2 100ug #AP70703-3 1mg

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Description

Product Name	Recombinant Bovine Retinol-binding protein 3(RBP3),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:933-1231aaSequence Info:Partial
Other Names	Interphotoreceptor retinoid-binding protein ;IRBPInterstitial retinol-binding protein
Accession No.	P12661
Calculated MW	59.5 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	AKVPTVLQTAGKLVADNYASPELGVKMAAELSGLQSRARVTSEALAELLQADLQVLSGDPLKTAHIPEDA KDRIPGIVPMQIPSPEVFEDLIKFSFHTNVLEGNVGYLRFDMMFGDCELLTQVSELLVEHVWKKIVHTDALIVDMR FNIGGPTSSISALCSYFFDEGPILLDKIYNRPNNVSELWTLSQLGEGERYGSKKSMVILTSTLTAGAAEEFTYIM KRLGRALVIGEVTSGGCQPPQTYHVDDTDLYLTIPTARSVGAADGSSWEGVGVPDVAVPAEALTRAQEML QHT
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

Full-length transcriptome analysis of human retina-derived cell lines ARPE-19 and Y79 using the vector-capping method.Oshikawa M., Tsutsui C., Ikegami T., Fuchida Y., Matsubara M., Toyama S., Usami R., Ohtoko K., Kato S.Invest. Ophthalmol. Vis. Sci. 52:6662-6670(2011)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.