

Recombinant Bovine RBP3 Protein (933-1231 aa), GST-tagged

Cat. No. RBP3-2329B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine RBP3 Protein (933-1231 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Partial.
Species	Bovine
Source	E.coli
ProteinLength	933-1231 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	59.5 kDa
AA Sequence	AKVPTVLQTAGKLVADNYASPELGVKMAAELSGLSRYARVTSEAALAEELLQADLQ VLSGDPHLKTAHIPEDAKDRIPGIVPMQIPSPVEFEDLIKFSFHTNVLEGNVGYLRFD MFGDCCELLTQVSELLVEHVWKKIVHTDALIVDMRFNIGGPTSSISALCSYFFDEGPPIL LDKIYNRPNNVSSELWTLSQLERGYGSKSMVILTSTLTAGAAEEFTYIMKRLGRAL VIGEVTSGGCQPPQTYHVDDTDLYLTIPTARSVGAADGSSWEGVGVVPDVAVPAEA ALTRAQEMLQHT
Purity	> 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	RBP3 retinol binding protein 3 [Bos taurus (cattle)]
Official Symbol	RBP3
Synonyms	RBP3;
Gene ID	281443
mRNA Refseq	NM_174164
Protein Refseq	NP_776589
UniProt ID	P12661

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