

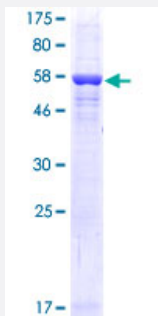
Full-Length

RLBP1 (Human) Recombinant Protein (P01)

Catalog # H00006017-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RLBP1 full-length ORF (AAH04199, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSEGVGTFRMVPEEEQELRAQLEQLTTKDHGPVFGPCSQLPRHTLQKAKDELNEREETREEAV
RELQEMVQAQAASGEELAVAVAERVQEKDSGFFLRIFIRARKFNVGRAYELLRGYVNFRLQYPEL
FDSLSPEAVRCTIEAGYPGVLSSRDKYGRVVMLFNENWQSQEITFDEILQAYCFILEKLLENEETQI
NGFCIIENFKGFTMQQAASLRSDLRKMVDMLQDSFPAKFKAHFIHQPWYFTTTYNVVKPFLKSK
LLERVVHGGDDLSGFYQEIDENILPSDFGGTLPKYDGKAVAEQLFGPQAQAENTAF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.61

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RLBP1

Entrez GeneID	6017
GeneBank Accession#	BC004199
Protein Accession#	AAH04199
Gene Name	RLBP1
Gene Alias	CRALBP, MGC3663
Gene Description	retinaldehyde binding protein 1
Omim ID	136880 180090 268000 607475 607476
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a 36-kD water-soluble protein which carries 11-cis-retinaldehyde or 11-cis-retinal as physiologic ligands. It may be a functional component of the visual cycle. Mutations of this gene have been associated with severe rod-cone dystrophy, Bothnia dystrophy (nonsyndromic autosomal recessive retinitis pigmentosa) and retinitis punctata albescens. [provided by RefSeq]
Other Designations	cellular retinaldehyde-binding protein-1 retinaldehyde-binding protein 1

Disease

- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)