

Recombinant Full Length Human RLBP1 Protein

Cat. No. RLBP1-436HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CRALBP with proprietary tag, 60.98 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	317 amino acids
Description	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.
Form	Liquid
Molecular Mass	60.980kDa inclusive of tags
AA Sequence	MSEGVGTFRMVPEEEQELRAQLEQLTTKDHGPVFGPCSQLPRHTLQKAKDELNER EETREEAVRELQEMVQAQAASGEELAVAVAERVQEKDSGFFLRIFIRARKFNVGRAY ELLRGYVNFRLQYPELFDLSPEAVRCTIEAGYPGVLSRDYGRVVMFLFNINWQS QEITFDEILQAYCFIEKLLNEETQINGFCIIENFKGFTMQQAASLRSDLRKMVDML QDSFPAKFKAIFHQPWYFTTTYNVVKPFLKSKLLERVVHGDLSGFYQEIDENIL PSDFGGTLPKYDGKAVAEQLFGPQAQAENTAF

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	RLBP1 retinaldehyde binding protein 1 [Homo sapiens]
Official Symbol	RLBP1
Synonyms	RLBP1; retinaldehyde binding protein 1; retinaldehyde-binding protein 1; CRALBP
Gene ID	6017
mRNA Refseq	NM_000326
Protein Refseq	NP_000317
MIM	180090
UniProt ID	P12271

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