

Recombinant Human RLBP1, MYC/DDK-tagged

Cat. No. RLBP1-18H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RLBP1, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	36.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	RLBP1 retinaldehyde binding protein 1 [Homo sapiens (human)]
------------------	--

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	RLBP1
Synonyms	RLBP1; retinaldehyde binding protein 1; retinaldehyde-binding protein 1; CRALBP; cellular retinaldehyde-binding protein; cellular retinaldehyde-binding protein-1; MGC3663
Gene ID	6017
mRNA Refseq	NM_000326
Protein Refseq	NP_000317
MIM	180090
UniProt ID	P12271
Chromosome Location	15q26
Pathway	Diseases associated with visual transduction; Retinoid cycle disease events; The retinoid cycle in cones (daylight vision)
Function	11-cis retinal binding; retinol binding; transporter activity

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA