

Recombinant Human RLBP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RLBP1-3129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RLBP1 MS Standard C13 and N15-labeled recombinant protein (NP_000317) with a C-terminal MYC/DDK tag, 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	36.5 kDa
AA Sequence	MSEGVGTFRMVPEEEQELRAQLEQLTTKDHGPFVFGPCSQLPRHTLQKAKDELNER EETREEAVRELQEMVQAQAASGEELAVAVAERVQEKDSGFFLRFIRARKFNVGRAY ELLRGYVNFRLQYPELFDLSPEAVRCTIEAGYPGVLSSRDYGRVVMLFNINWQS QEITFDEILQAYCFILEKLLENEETQINGFCIIENFKGFTMQQAASLRSDLRKMVDMML QDSFPARFKAIHFHQPWYFTTTYNVVKPFLKSKLLERVVHGGDLSGFYQEIDENIL PSDFGGTLPKYDGKAVAEQLFGPQAQAENTAFTTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

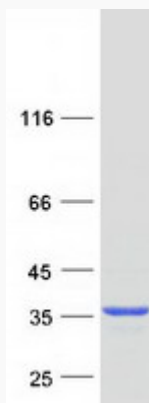
GENE INFORMATION

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

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SDS-PAGE

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