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RLBP1, 1-317aa, Human, His tag, E.coli

产品货号: TP03741

第三版

别名:retinaldehyde-binding protein 1, CRALBP

描述:RLBP1 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. Recombinant human RLBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量:38.9kDa (340aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSMSEGVGTFRMVPEEEQELRAQLEQLTTKDHGPVFGPCSQLPRHTLQKAKDELNER
EETREEAVRELQEMVQAQAASGEELAVAVAERVQEKDSGFFLRFRARKFNVGRAYELLRGYVNFRLQYPELFDLSPEAV
RCTIEAGYPGVLSSRDKYGRVVMLFNINWQSQEITFDEILQAYCFILEKLENEETQINGFCIIENFKGFTMQQAASLRTSD
LRKMVDMLQDSFPARFKAIHFIHQPWYFTTTYNVVKPFLKSKLLERFVHGDLSGFYQEIDENILPSDFGGTLPKYDGKA
VAEQLFGPQAQAENTAF

纯度:> 95% by HPLC

浓度:1.0 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.