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RBP7, 1-134aa, Human, His tag, E.coli

产品货号: TP03699

第三版

别名: Retinoid-binding protein 7, CRBP4, CRBP4V, MGC70641

描述: RBP7, also known as CRBP4, belongs to a superfamily of small cytoplasmic proteins which interact with hydrophobic ligands. RBP7 is cytoplasmic protein that, like CRBP I and CRBP II, form β -barrel structures and participates in the intracellular transport of retinol. RBP7 is a recently identified cellular retinol carrier, expressed in the kidney, heart and transverse colon in humans. Recombinant human RBP7 protein, fused to His-tag at Nterminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 2mM DTT, 20% glycerol

分子量: 17.6 kDa (154aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMPADLSGTWTLSSDNFEGYMLALGIDFATRKIALLKPKQKVIEQNGDSFTIHTNSSLRN
YFVKFKVGEFDEDNRGLDNRKCKSLVIWINDRLTCIQKGEKKNRGWTHWIEGDKLHLEMFCEGQVCKQTFQRA

纯度: > 95% by HPLC

浓度: 0.5 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.