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RBP1, 1-197aa, Human, His tag, E.coli

产品货号: TP03695

第三版

别名: Retinol binding protein 1, CRABP-I, CRBP, CRBP1, CRBPI, RBPC.

描述: RBP1 (Retinol binding protein 1) belongs to the calycin superfamily and fatty-acid binding protein (FABP) family. RBP1 is the carrier protein involved in the transport of retinol (vitamin A alcohol) from the liver storage site to peripheral tissue. RBP1 can also act as a bridging molecule to recruit histone deacetylases (HDACs), proteins that function as potent regulators of gene expression.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 200mM NaCl

分子量: 24.7kDa (220aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSM DPPAGFVRAGNPAVAAPQSPLSPEG AHFRAAH HPRSTGSRCPGSLQPSRPLVAN  
WLQSLPEMPVDFTGYWKMLVNENFEEYLRALDVNVALRKIANLLKPDKEIVQDGDHMIIRTLSTFRNYIMDFQVGKEFEE  
DLTGIDDRKCM TTVSWDGD KLQCVQKGEKEGRGWTQWIEGDELHLEMRVEGVVCKQVFKKVQ

纯度: > 95% by HPLC

浓度: 0.5mg/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.