

Product information



RBP5, 1-135aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0743

Full name: Retinol binding protein 5

NCBI Accession No.: NP_113679

Synonyms: CRBP-III, CRBP3, CRBP3III, Cellular retinol-binding protein III

Description: RBP5 belongs to the Retinol-binding proteins family. Assessment of retinol-binding protein is used to determine visceral protein mass in nutritional studies related to health. RBP5 is higher expression in adult kidney and liver and to a lesser extent in adult and fetal spleen, adult lymph nodes and appendix, and fetal liver and kidney. It is strongly decreased in hepatocellular carcinoma tissues. Recombinant human RBP5 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

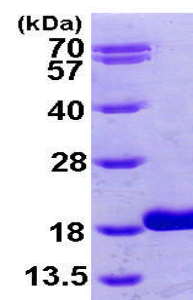
Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol,

2mM DTT, 100mM NaCl

Molecular Weight: 18.1kDa (155aa) , confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 0.5mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MPPNLTGYR FVSQKNMEDY LQALNLSLAV RKIALLLKPD KEIEHQGNHM TVRTLSTFRN YTVQFDVGVE
FEEDLRSVDG RKCQTIVTWE EEHLVCVQKG EVPNRGWRHW LEGEMLYLEL TARDVCEQV FRKVR

General references:

Folli C., *et al.* (2001) *Proc. Natl. Acad. Sci. U.S.A.* 98:3710-3715

Ho J.C.Y., *et al.* (2007) *J. Cancer Res. Clin. Oncol.* 133:929-936

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

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