

RBP5, 1-135aa, Human, His tag, E.coli

Cat.NO.: TP03698

3th Edition

Synonyms:Retinol binding protein 5, 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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT, 100mM NaCl

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMPPNLTGYRFVSQKNMEDYLQALNISLAVRKIALLLKPDKEIEHQGNHMTVRTLS
TFRNYTVQFDVGVFEEDLRSVDGRKCQTIVTWEEHLCVQKGEVPNRGWRHWLEGEMLYLELTARDAVCEQV
FRKVR

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.