

CRABP2,1-138aa, Human Recombinant, E.coli

Cat.NO.: TP01703

3th Edition

Synonyms: Cellular retinoic acid binding protein 2, RBP6, CRABP-II

Description: The cellular retinoic acid-binding protein II (CRABP-II) is involved in the conversion of vitamin A into its intracellular active form retinoic acid, which regulate the genes responsible for lipid metabolism and adipocyte differentiation.

Form: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol

Molecular Weight: 15.6 kDa (138 aa), confirmed by MALDI-TOF

Sequences:

MPNFSGNWKIIRSENFELLKVLGVNVMLRKIAVAAASKPAVEIKQEGDTFYIKTSTTVRTTEINFKVGEEFEEQTVD
GRPCKSLVKWESENKMOVCEQKLLKGEGPKTSWTRELTNDGELILTMTADDVVCTRYYVRE

Purity: > 95% by HPLC

Concentration: 1.0 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.