

32-3589: CRABP2 Recombinant Protein

Alternative Name : RBP6,CRABP-II,CRABP2,RETINOIC ACID-BINDING PROTEIN CELLULAR TYPE II,Cellular retinoic acid-binding protein 2,Cellular retinoic acid-binding protein II.

Description

Source : Escherichia Coli. CRABP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 136 amino acids and having a molecular mass of 15.6 kDa. The CRABP2 is purified by proprietary chromatographic techniques. CRABP2 NCBI Accession No: NP_001869 regulates the access of retinoic acid to the nuclear retinoic acid receptors. CRABP2 is involved in a regulatory feedback mechanism that controls the action of retinoic acid on cell differentiation. CRABP2 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. CRABP2 gene is located on chromosome 1q21-23 and this region has been linked with related disorders such as familial combined hyperlipidemia (FCHL) and type 2 diabetes mellitus. CRABP proteins are of low molecular weight having an important function in retinoic acid-mediated regulation of human skin growth and differentiation.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The CRABP2 protein solution contains 20mM Tris-HCl pH-8 and 20% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MPNFGSGNWKI IRSENFELL KVLGVNVMRLR KIAVAAASKP AVEIKQEGDT FYIKTSTTVR TTEINFKVGEEFEEQTVDGR PCKSLVKWES ENKMOVCEQL LKGEGPKTSW TRELTNDGEL ILTMTADDVV CTRVYVRE.

