

Cellular retinoic acid-binding protein 1 Recombinant Protein | CRABP1 recombinant protein

Recombinant Human Cellular retinoic acid-binding protein 1

CATALOG # AAA113245	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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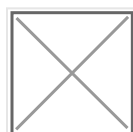
PRODUCT SYNONYMS

Cellular retinoic acid-binding protein 1; Recombinant Human Cellular retinoic acid-binding protein 1; Cellular retinoic acid-binding protein I; CRABP-I; CRABP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-137aa; Full Length
Sequence	PNFAGTWKMR SSENFDELLK ALGVNAMLRK VAVAAASKPH VEIRQDGDQF YIKTSTTVRT TEINFKVGEG FEEETVDGRK CRSLPTWENE NKIHCTQTLL EGDGPKTYWT RELANDELIL TFGADDVVCT RIYVRE
Sequence Length	137
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CRABP1 recombinant protein	Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors.
Product Categories/Family for CRABP1 recombinant protein	Transport

References	Isolation and characterization of a cDNA clone corresponding to bovine cellular retinoic-acid-binding protein and chromosomal localization of the corresponding human gene.Nilsson M.H.L., Spurr N.K., Saksena P., Busch C., Nordlinder H., Peterson P.A., Rask L., Sundelin J.Eur. J. Biochem. 173:45-51(1988) Molecular cloning and analysis of functional cDNA and genomic clones encoding bovine cellular retinoic acid-binding protein.Shubeita H.E., Sambrook J.F., McCormick A.M.Proc. Natl. Acad. Sci. U.S.A. 84:5645-5649(1987) Cellular retinoic acid- and cellular retinol-binding proteins complementary deoxyribonucleic acid cloning, chromosomal assignment, and tissue specific expression.Wei L.-N., Mertz J.R., Goodman D.S., Nguyen-Huu M.C.Mol. Endocrinol. 1:526-534(1987) Bovine cellular retinoic acid binding protein 1.Jeong Y.-H., Lee S.-M., Park H.-Y., Kim H.-M., Yoon D.-H., Chung E.-R., Kang M.-J.NIH - Mammalian Gene Collection (MGC) project The primary structure of bovine cellular retinoic acid-binding protein.Sundelin J., Das S.R., Eriksson U., Rask L., Peterson P.A.J. Biol. Chem. 260:6494-6499(1985) N-terminal sequence homology among retinoid-binding proteins from bovine retina.Crabb J.W., Saari J.C.FEBS Lett. 130:15-18(1981) Crystal structures of cellular retinoic acid binding proteins I and II in complex with all-trans-retinoic acid and a synthetic retinoid.Kleywegt G.J., Bergfors T., Senn H., le Motte P., Gsell B., Shudo K., Jones T.A.Structure 2:1241-1258(1994) Structures of cellular retinoic acid binding proteins I and II in complex with synthetic retinoids.Chaudhuri B.N., Kleywegt G.J., Broutin-L'Hermite I., Bergfors T., Senn H., Le Motte P., Partouche O., Jones T.A.Acta Crystallogr. D 55:1850-1857(1999)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30794346
NCBI GeneID	282201
NCBI Accession #	NP_851371.1
NCBI GenBank Nucleotide #	NM_181028.2
UniProt Accession #	P62964; P02695; P02697; P15780; Q2KI87; Q5PXY6
Molecular Weight	42.5 kDa
NCBI Official Full Name	cellular retinoic acid-binding protein 1
NCBI Official Symbol	CRABP1
NCBI Protein Information	cellular retinoic acid-binding protein 1
UniProt Protein Name	Cellular retinoic acid-binding protein 1
UniProt Gene Name	CRABP1
UniProt Synonym Gene Names	CRABP-I
UniProt Entry Name	RABP1_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.