

Recombinant Human Cellular retinoic acid-binding protein 1(CRABP1)

Catalog No: #AP70186

Package Size: #AP70186-1 20ug #AP70186-2 100ug #AP70186-3 1mg

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Description

Product Name	Recombinant Human Cellular retinoic acid-binding protein 1(CRABP1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-137aaSequence Info:Full Length
Other Names	Cellular retinoic acid-binding protein I ;CRABP-I
Accession No.	P29762
Calculated MW	42.5 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	PNFAGTWKMRSSNFDELLKALGVNAMLRKVAVAAASKPHVEIRQDGDQFYIKTSTTVRTTEINFKVGEGFEE ETVDGRKCRSLPTWENENKIHCTQTLLEGDGPKTYWTRELANDELILTFGADDVVCTRIYVRE
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Cytosolic CRABPs may regulate the access of retinoic acid to the nuclear retinoic acid receptors.

References

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) Research Topic:Transport

Note: This product is for in vitro research use only and is not intended for use in humans or animals.