

Datasheet for ABIN935047
CRABP1 Protein (AA 1-137)



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1 Image

Overview

Quantity:	100 µg
Target:	CRABP1
Protein Characteristics:	AA 1-137
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MPNFAGTWKM RSENFDELL KALGVNAMLK KVAVAAASKP HVEIRQDGDQ FYIKTSTTVR TTEINFKVGGE GFEEETVDGR KCRSLATWEN ENKIHCTQTL LEGDGPQTYW TRELANDELI LTFGADDVVC TRIYVRE
Characteristics:	Purified recombinant Human CRABP1 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

Target Details

Target:	CRABP1
Alternative Name:	CRABP1 (CRABP1 Products)
Background:	CRABP1, also known as cellular retinoic acid-binding protein 1, is a member of specific carrier

Target Details

proteins for members of the vitamin A family. This protein is assumed to play an important role in retinoic acid-mediated differentiation and proliferation processes. CRABP1 is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid. It is constitutively expressed and is believed to have different functions in the cell than the related CRABP2.

Recombinant CRABP1 protein was expressed in E. coli and purified by using conventional chromatography techniques.

Alternative Names: Cellular retinoic acid binding protein 1 CRABP 1 protein, CRABP-1 protein, CRABP1 protein, CRABP-I protein, Retinoic acid binding protein I cellular., CRABP protein, RBP 5 protein, RBP5 protein, CRABP-1, CRABP1, CRABP 1 protein, CRABP I protein, CRABP 1

Molecular Weight: 15.5 kDa (137 AA)

Application Details

Application Notes: CRABP1 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

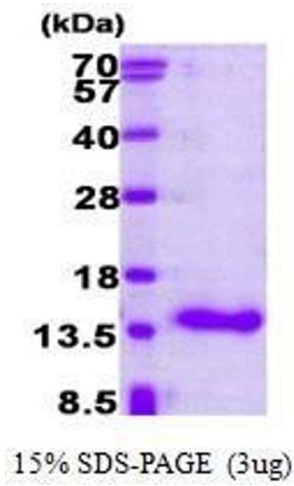
Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 10 % glycerol.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.