

## Product datasheet for **AR09232PU-N**

### CRABP1 (1-137) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CRABP1 (1-137) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MPNFAGTWKM RSENFDELL KALGVNAMLK KVAVAAASKP HVEIRQDGDQ FYIKTSTTVR TTEINFKVGGE GFEEETVDGR KCRSLATWEN ENKIHCTQTL LEGDGPPTYW TRELANDELI LTFGADDVVC TRIYVRE
Predicted MW:	15.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant CRABP1 protein was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_004369</a>
Locus ID:	1381
UniProt ID:	<a href="#">P29762</a> , <a href="#">F1T0F7</a>
Cytogenetics:	15q25.1
Synonyms:	CRABP; CRABP-I; CRABPI; RBP5



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**Summary:**

This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in epithelial tissue. [provided by RefSeq, Jul 2008]

**Product images:**