

Product datasheet for **AR50128PU-N**

Retinol-binding protein 1 (1-197, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Retinol-binding protein 1 (1-197, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMDPPAGF VRAGNPAVAA PQSPLSPEGA HFRAAHHPRS TGSRCPGSLQ PSRPLVANWL QSLPEMPVDF TGYWKMLVNE NFEEYLRALD VNVALRKIAN LLKPDKEIVQ DGDHMIIRTL STFRNYIMDF QVGKEFEEDL TGIDDRKCMT TVSWDGDGLQ CVQKGEKEGR GWTQWIEGDE LHLEMRVEGV VCKQVFKKVQ
Tag:	His-tag
Predicted MW:	24.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 20% glycerol, 200 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001124464
Locus ID:	5947
UniProt ID:	P09455
Cytogenetics:	3q23
Synonyms:	CRABP-I; CRBP; CRBP1; CRBPI; RBPC



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Summary:

This gene encodes the carrier protein involved in the transport of retinol (vitamin A alcohol) from the liver storage site to peripheral tissue. Vitamin A is a fat-soluble vitamin necessary for growth, reproduction, differentiation of epithelial tissues, and vision. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

Product images: