

Product datasheet for **AR09798PU-L**

Coactosin-like (1-142, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Coactosin-like protein (1-142, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MATKIDKEAC RAAYNLVRDD GSAVIWVTFK YDGSTIVPGE QGAEYQHFIQ QCTDDVRLFA FVRFTTGDAM SKRSKFALIT WIGENVSGLQ RAKTGTDKTL VKEVQNFAK EFVISDRKEL EEDFIKSELK KAGGANYDAQ TE
Tag:	His-tag
Predicted MW:	18.1 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human COTL1 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 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:	<u>NP_066972</u>
Locus ID:	23406
UniProt ID:	<u>Q14019, A0A384MTY2</u>
Cytogenetics:	16q24.1
Synonyms:	CLP



[View online »](#)

Summary:

This gene encodes one of the numerous actin-binding proteins which regulate the actin cytoskeleton. This protein binds F-actin, and also interacts with 5-lipoxygenase, which is the first committed enzyme in leukotriene biosynthesis. Although this gene has been reported to map to chromosome 17 in the Smith-Magenis syndrome region, the best alignments for this gene are to chromosome 16. The Smith-Magenis syndrome region is the site of two related pseudogenes. [provided by RefSeq, Jul 2008]

Product images: