

Product datasheet for AR09798PU-L

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

Product data:

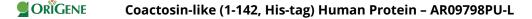
OriGene Technologies, Inc.

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| 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 VKEVVQNFAK 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</u> , <u>A0A384MTY2</u> |
| Cytogenetics: | 16q24.1 |
| Synonyms: | CLP |

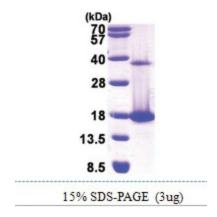


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Summary: This gene encodes one of the numerous actin-binding proteins which regulate the actin cytoskeleton. This protein binds F-actin, and also interacts with 5-lipoxygenase, which is the first committed enzyme in leukotriene biosynthesis. Although 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:



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