

AR09798PU-N**Human Coactosin-like protein (1-142, His-tag) - Purified**

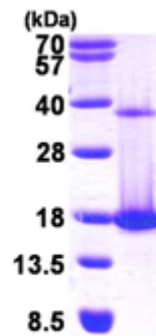
Alternate names:	CLP, COTL1
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	Coactosin-like protein (COTL1) is one of the numerous actin-binding proteins which regulate the actin cytoskeleton. This protein binds F-actin, and also interacts with 5-lipoxygenase, which is the first committed enzyme in leukotriene biosynthesis. COTL1 Binds to F-actin in a calcium-independent manner and has no direct effect on actin depolymerization.
Uniprot ID:	Q14019
NCBI:	NP_066972
GeneID:	23406
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl
Description:	Recombinant human COTL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHHH SSGLVPRGSH</u> MATKIDKEAC RAYNLVRDD GSAVIWVTFK YDGSTIVPGE QGAEYQHFIQ QCTDDVRLFA FVRFTTGDAM SKRSKFALIT WIGENVSLQ RAKTGTDKTL VKEVVQNFPAK EFVISDRKEL EEDFIKSELK KAGGANYDAQ TE Molecular weight: 18.1 kDa (162aa), confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Rakonjac M., et al. (2006) Proc Natl Acad Sci U S A. 103(35):13150-5. Provost P., et al. (2001) Biochem J. 359(2):255-63.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human COTL1, 1-142 aa, His-tagged



15% SDS-PAGE (3ug)