

Recombinant Human Coactosin-Like 1 (Dictyostelium), His-tagged

Cat. No. COTL1-3377H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human COTL1 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 18.1 kDa (162aa).
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT, 0.1M NaCl.
Purity	> 90% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MATKIDKEAC RAAYNLVRDD GSAVIWVTFK YDGSTIVPGE QGAEQHFQIQ QCTDDVRLFA FVRFTTGDM SKRSKFALIT WIGENVSLQ RAKTGTDKTL VKEVVQNFAK EFVISDRKEL EEDFIKSELK KAGGANYDAQ TE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

COTL1 coactosin-like 1 (Dictyostelium) [Homo sapiens]

Synonyms

CLP; FLJ43657; MGC19733; coactosin-like 1; coactosin-like 1 (Dictyostelium)

Gene ID

23406

mRNA Refseq

NM_021149

Protein Refseq

NP_066972

MIM

606748

UniProt ID

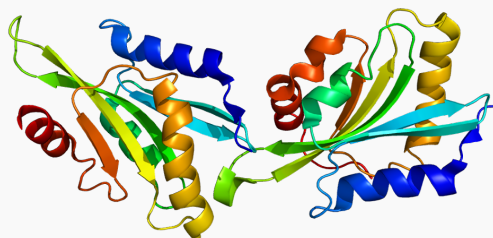
Q14019

**Chromosome
Location**

16q24.1

Function

actin binding; protein binding

**PDB rendering based
on 1t2l.**


 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA