9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

COTL1 Human

Coactosin-Like 1 Human Recombinant
RCP0508

Product Overview

Name	COTL1 Human
Description	
Coactosin-Like 1 Human Recombinant	
Accession (Primary)	Q14019
Synonyms	
Coactosin-like protein, COTL1, CLP, FLJ43657, MGC19733.	
Introduction	
Coactosin-like protein (COTL1) is one of the numerous actin-binding proteins which regulate the actin cytoskeleton. COTL1 binds F-actin, it also interacts with 5-lipoxygenase, which is the first committed enzyme in leukotriene biosynthesis. COTL1 binds to F-actin in a calcium-independent way and has no direct effect on actin depolymerization.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The COTL1 solution (1 mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MATKIDKEAC RAAYNLVRDD GSAVIWVTFK YDGSTIVPGE QGAEYQHFIQ QCTDDVRLFA FVRFTTGDAM SKRSKFALIT WIGENVSGLQ RAKTGTDKTL VKEVVQNFAK EFVISDRKEL EEDFIKSELK KAGGANYDAQ TE.	
Precautions	
COTL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q14019)