

Recombinant Human COTL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. COTL1-6705H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	COTL1 MS Standard C13 and N15-labeled recombinant protein (NP_066972) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	15.9 kDa
AA Sequence	MATKIDKEACRAAYNLVRDDGSAVIWVTFKYDGSTIVPGEQGAEYQHFIQQCTDDV RLFAFVRFTTGDAMSKRSKFALITWIGENVSGLQRAKTGTDKTLVKEVVQNFAKEFVI SDRKELEEDFIKSELKKAGGANYDAQTTETRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name COTL1 coactosin like F-actin binding protein 1 [Homo sapiens (human)]

Official Symbol COTL1

Synonyms COTL1; coactosin-like 1 (Dictyostelium); coactosin-like protein; CLP; FLJ43657; MGC19733;

Gene ID 23406

mRNA Refseq NM_021149

Protein Refseq NP_066972

MIM 606748

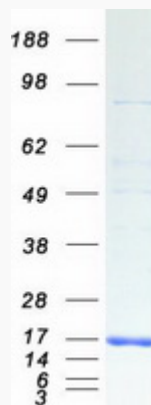
UniProt ID Q14019

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SDS-PAGE



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