Recombinant Mouse Cotl1 Protein, Myc/DDK-tagged

Cat. No. Cotl1-2276M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length coactosin-like 1 (Dictyostelium) (Cotl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Binds to F-actin in a calcium-independent manner. Has no direct effect on actin depolymerization. Acts as a chaperone for ALOX5 (5LO), influencing both its stability and activity in leukotrienes synthesis.
Molecular Mass	16.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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

Gene Name	Cotl1 coactosin-like 1 (Dictyostelium) [Mus musculus (house mouse)]
Official Symbol	Cotl1
Synonyms	COTL1; coactosin-like 1 (Dictyostelium); coactosin-like protein; Clp; 1810074P22Rik; 2010004C08Rik
Gene ID	72042
mRNA Refseq	NM_028071
Protein Refseq	NP_082347
UniProt ID	Q9CQI6

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