

## Product datasheet for TP519968

### Cotl1 (NM\_028071) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse coactosin-like 1 (Dictyostelium) (Cotl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219968 representing NM_028071 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MATKIDKEACRAAYNLVRDDGSAVIWVTFRYDGATIVPGDQGADYQHFIQCTDDVRLFAFVRFTTGDAM SKRSKFALITWIGEDVSGLQRAKTGTDKTLVKEVVQNFKEFVISDRKELEEDFIRSELKKAGGANYDAQ SE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	16.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_082347</a>
Locus ID:	72042
UniProt ID:	<a href="#">Q9CQI6</a> , <a href="#">Q544F6</a>
RefSeq Size:	1642
Cytogenetics:	8 E1



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RefSeq ORF: 426

Synonyms: 1810074P22Rik; 2010004C08Rik; Clp

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]