

Recombinant Human COTL1 Protein, GST-tagged

Cat. No. COTL1-1730H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human COTL1 full-length ORF (AAH10884, 1 a.a. - 142 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	41.36 kDa
AA Sequence	MATKIDKEACRAAYNLVRDDGSAVIWVTFKYDGSTIVPGEQGAEYQHFIQQCTDDV RLFAFVRFTTGDAMSKRSKFALITWIGENVSLQRAKTGTDKTLVKEVVQNFAKEFVI SDRKELEEDFIKSELKKAGGANYDAQTE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	COTL1 coactosin-like 1 (Dictyostelium) [Homo sapiens]
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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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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