

32-3578: COTL1 Recombinant Protein

Alternative Name : Coactosin-like protein,COTL1,CLP,FLJ43657,MGC19733.

Description

Source : Escherichia Coli. COTL1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 162 amino acids (1-142 a.a.) and having a molecular mass of 18.1kDa. The COTL1 is purified by proprietary chromatographic techniques. 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.

Product Info

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| Amount : | 20 µg |
| Purification : | Greater than 90.0% as determined by SDS-PAGE. |
| Content : | The COTL1 solution (1 mg/ml) 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl. |
| Storage condition : | COTL1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MATKIDKEAC RAAYNLVRDD GSAVIWVTFK YDGTIVPGE QGAEYQHFIQ QCTDDVRLFA FVRFTTGDAM SKRSKFALIT WIGENVSLQ RAKTGTKTL VKEVVQNAK EFVISDRKEL EEDFIKSELK KAGGANYDAQ TE. |

