

# Product datasheet for TP750112

## MICAL2 (NM\_014632) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Purified recombinant protein of Human microtubule associated monoxygenase, calponin and LIM domain containing 2 (MICAL2), Tag free, expressed in E. coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding the region (Met1-Leu654) of MICAL2 or AA Sequence: Tag Free Tag: Predicted MW: 74.7 kDa **Concentration:** >0.05 µg/µL as determined by Bradford protein assay method. **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** PBS, pH 7.4, 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. Store at -80°C. Storage: 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:** NP 055447 Locus ID: 9645 **UniProt ID:** 094851 **RefSeq Size:** 3958 Cytogenetics: 11p15.3 **RefSeq ORF:** 3372 Synonyms: Ebitein1; MICAL-2; MICAL2PV1; MICAL2PV2; MICALCL



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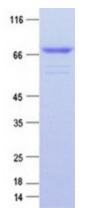
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Summary:The protein encoded by this gene is a monooxygenase that enhances depolymerization of F-<br/>actin and is therefore involved in cytoskeletal dynamics. The encoded protein is a regulator of<br/>the SRF signaling pathway. Increased expression of this gene has been associated with cancer<br/>progression and metastasis. [provided by RefSeq, Oct 2016]

## **Product images:**



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