

Product datasheet for **TP750112**

MICAL2 (NM_014632) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human microtubule associated monooxygenase, calponin and LIM domain containing 2 (MICAL2), Tag free, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (Met1-Leu654) of MICAL2
Tag:	Tag Free
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.
Storage:	Store at -80°C.
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:	O94851
RefSeq Size:	3958
Cytogenetics:	11p15.3
RefSeq ORF:	3372
Synonyms:	Ebitein1; MICAL-2; MICAL2PV1; MICAL2PV2; MICALCL



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Summary:

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

Product images: