

Product datasheet for TP311513M

FAM195B (MCRIP1) (NM_207368) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hypothetical protein LOC348262 (LOC348262), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211513 representing NM_207368 Red=Cloning site Green=Tags(s) MHGEKSHGRGQAGRQVPLKQQSVSGESQQGARQGAGQSTCYLSSAFLCNGSFPAGSMSLWDPQPKQAFPS VLWCSWAGVPGRRGTQRDPRVQERRGDFVSKLGAAVGGEPLALFGPHSWPGMGHRVPGLGAGFLLFAGFA LEPWDSYHVVFEGWTIDMRRNEPERTRLSAPGPL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	10.7 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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_997251
Locus ID:	348262
UniProt ID:	C9JLW8 , A0A024R8R5



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RefSeq Size: 2980

Cytogenetics: 17q25.3

RefSeq ORF: 525

Synonyms: FAM195B; GRAN2; MCRIP

Summary: The phosphorylation status of MCRIP1 functions as a molecular switch to regulate epithelial-mesenchymal transition. Unphosphorylated MCRIP1 binds to and inhibits the transcriptional corepressor CTBP(s). When phosphorylated by MAPK/ERK, MCRIP1 releases CTBP(s) resulting in transcriptional silencing of the E-cadherin gene and induction of epithelial-mesenchymal transition (PubMed:25728771).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MCRIP1 protein (Cat# [TP311513]). The protein was produced from HEK293T cells transfected with MCRIP1 cDNA clone (Cat# [RC211513]) using MegaTran 2.0 (Cat# [TT210002]).