

Product datasheet for TP311513M

OriGene Technologies, Inc.

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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 >RC211513 representing NM_207368 Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MHGEKSHGRGQAGRQVPLKQQSVSGESQQGARQGAGQSTCYLSSAFLCNGSFPAGSMSLWDPQPKQAFPS VLWCSWAGVPGRRTGQRDPRVQERRGDFVSKLGAAVGGEPLALFGPHSWPGMGHRVPGLGAGFLLFAGFA

LEPWDSYHVVFEGWTIDMRRNEPERTRSLSAPGPL

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: <u>NP 997251</u> **Locus ID:** 348262

UniProt ID: C9|LW8, A0A024R8R5





FAM195B (MCRIP1) (NM_207368) Human Recombinant Protein – TP311513M

RefSeq Size: 2980

Cytogenetics: 17q25.3

RefSeq ORF: 525

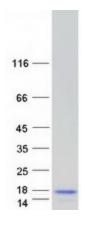
Synonyms: FAM195B; GRAN2; MCRIP

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]).