

## Product datasheet for PH311513

### FAM195B (MCRIP1) (NM\_207368) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FAM195B MS Standard C13 and N15-labeled recombinant protein (NP_997251)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211513
Predicted MW:	10.7 kDa
Protein Sequence:	>RC211513 representing NM_207368 Red=Cloning site Green=Tags(s)  MHGEKSHGRGQAGRQVPLKQQSVSGESQQGARQAGQSTCYLSSAFLCNGSFPAGSMLWDPQPKQAFPS VLWCSWAGVPGRRRTGQRDPRVQERRGDFVSKLGAAVGGEPLALFGPHSWPGMHRVPGLGAGLLFAGFA LEPWDSYHVVFEGWTIDMRRNEPERTRSLSAPGPL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_997251</a>
RefSeq Size:	2980
RefSeq ORF:	525
Synonyms:	FAM195B; GRAN2; MCRIP
Locus ID:	348262
UniProt ID:	<a href="#">C9JLW8</a> , <a href="#">A0A024R8R5</a>

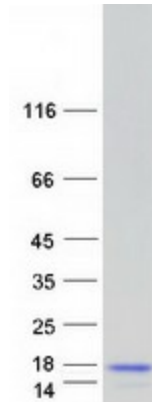


[View online »](#)

Cytogenetics: 17q25.3

**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]).