

Recombinant Mouse Mcrip1 Protein, Myc/DDK-tagged

Cat. No. Mcrip1-3999M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length MAPK regulated corepressor interacting protein 1 (Mcrip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	11.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Mcrip1 MAPK regulated corepressor interacting protein 1 [Mus musculus (house mouse)]

Official Symbol Mcrip1

Synonyms Mcrip1; MAPK regulated corepressor interacting protein 1; Fam195; Fam195b; mapk-regulated corepressor-interacting protein 1; family with sequence similarity 195, member B; protein FAM195B

Gene ID 192173

mRNA Refseq NM_001033231

Protein Refseq NP_001028403

UniProt ID Q3UGS4

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