

Product datasheet for TP514029

Mcrip1 (NM_001033231) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse MAPK regulated corepressor interacting protein 1 (Mcrip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR214029 representing NM_001033231 Red=Cloning site Green=Tags(s) MTSSPVS RVVYNGKRNSSPRSP TNSSEIFTPAHEENVRFIYEAWQGVERDLRSQLSSGERCLVEEYVEKV PNPSLKTFKPIDLSDLKRRNTQDAKKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	11.1 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
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 after receiving vials.
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_001028403
Locus ID:	192173
UniProt ID:	Q3UGS4
RefSeq Size:	1286
Cytogenetics:	11 E2
RefSeq ORF:	291



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Synonyms: Fam195b; Mcrip1

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.[UniProtKB/Swiss-Prot Function]