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Product datasheet for TP505536

Mrg2 (BC003762) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myeloid ecotropic viral integration site-related gene 2 (cDNA clone MGC:5914 IMAGE:3593200), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205536 protein sequence Red=Cloning site Green=Tags(s) MARRYDELRHYPGITEHMTALASFSEAAPSVPRAPGPYTPHRPPQLQAPGLDSDSLKREKDDIYGHPLFP LLALVFEKCELATCSPRDGASAGLGSPPGGDVCSSDSFNEDIAAFAKQIRSERPLFSSNPELDNLMVQAI QVLRFHLLELEKGKMPIDLVIEDRDGSCREDLEDYAASCPSLPDQNTTWIRDHEDSGSVHLGTPGPSSGG LASQSGDNSSDQGDGLDTSVASPSSAGEDEDLDLERRRNKKRGIFPKVATNIMRAWLFQHLSHPYPSEEQ KKQLAQDTGLTILQVNNWFINARRRIVQPMIDQSNRTGQGASFNPEGQPMAGFTETQPQVTVRTPGSM GM NLNLEGEWHYL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	39.7 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
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.
Locus ID:	17537

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UniProt ID:	P97368
RefSeq Size:	1721
Cytogenetics:	7 8.76 cM
RefSeq ORF:	1083
Synonyms:	Meis3
Summary:	The protein encoding this gene belongs to the three amino acid loop extension family of homeodomain transcription factors, which play essential roles in many embryonic processes. These proteins are characterized by an atypical homeodomain containing a three amino acid loop extension between helices 1 and 2. Expression of this gene begins during the compaction stage of embryogenesis and continues into the blastocyst stage. This gene is also expressed in pancreatic islet cells and beta-cells and regulates beta-cell survival. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]