



Human MTA1 blocking peptide (CDBP1916)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MTA1 antibody
Antigen Description	This gene encodes a protein that was identified in a screen for genes expressed in metastatic cells, specifically, mammary adenocarcinoma cell lines. Expression of this gene has been correlated with the metastatic potential of at least two types of carcinomas although it is also expressed in many normal tissues. The role it plays in metastasis is unclear. It was initially thought to be the 70kD component of a nucleosome remodeling deacetylase complex, NuRD, but it is more likely that this component is a different but very similar protein. These two proteins are so closely related, though, that they share the same types of domains. These domains include two DNA binding domains, a dimerization domain, and a domain commonly found in proteins that methylate DNA. The profile and activity of this gene product suggest that it is involved in regulating transcription and that this may be accomplished by chromatin remodeling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MTA1 metastasis associated 1 [Homo sapiens]
Official Symbol	MTA1
Synonyms	MTA1; metastasis associated 1; metastasis-associated protein MTA1; metastasis associated gene 1 protein;
Entrez Gene ID	9112
mRNA Refseq	NM_001203258
Protein Refseq	NP_001190187
UniProt ID	Q13330
Chromosome Location	14q32.33
Pathway	Validated targets of C-MYC transcriptional activation, organism-specific biosystem;
Function	metal ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;