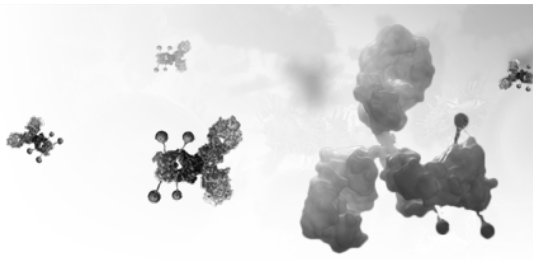

Human MINA peptide (DAG-P0793)

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

PRODUCT INFORMATION

Antigen Description	MINA is a c-Myc (MYC; MIM 190080) target gene that may play a role in cell proliferation or regulation of cell growth. (Tsuneoka et al., 2002 [PubMed 12091391]; Zhang et al., 2005 [PubMed 15897898]).[supplied by OMIM, May 2008]
Specificity	Expressed in liver, skeletal muscle, heart, pancreas, and placenta. Not detected in brain, lung or kidney. Expressed in several lung cancer tissues, but is barely detected in the adjacent non-cancerous tissues. Also highly expressed in several esophageal
Conjugate	Unconjugated
Sequence Similarities	Belongs to the MINA53/NO66 family.Contains 1 JmjC domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	MINA MYC induced nuclear antigen [Homo sapiens (human)]
Official Symbol	MINA
Synonyms	MINA; MYC induced nuclear antigen; ROX; MDIG; NO52; MINA53; bifunctional lysine-specific demethylase and histidyl-hydroxylase MINA; nucleolar protein 52; ribosomal oxygenase MINA; histone lysine demethylase MINA; mineral dust induced gene protein; mineral dust-induced gene protein; myc-induced nuclear antigen, 53 kDa; 60S ribosomal protein L27a histidine hydroxylase;

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Entrez Gene ID	84864
mRNA Refseq	NM_001042533.2
Protein Refseq	NP_001035998.1
UniProt ID	Q8IUF8
Chromosome Location	3q11.2
Pathway	Validated targets of C-MYC transcriptional activation, organism-specific biosystem;
Function	RNA polymerase II transcription factor binding transcription factor activity involved in negative regulation of transcription; dioxygenase activity; metal ion binding;

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