



MMP23B peptide (DAG-P0914)

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

PRODUCT INFORMATION

Antigen Description	This gene (MMP23B) encodes a member of the matrix metalloproteinase (MMP) family, and it is part of a duplicated region of chromosome 1p36.3. Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. This gene belongs to the more telomeric copy of the duplicated region. [provided by RefSeq, Jul 2008]
Specificity	Predominantly expressed in ovary, testis and prostate.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the peptidase M10A family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name	MMP23B matrix metallopeptidase 23B [Homo sapiens (human)]
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Official Symbol	MMP23B
Synonyms	MMP23B; matrix metallopeptidase 23B; MIFR; MMP22; MIFR-1; MMP23A; matrix metalloproteinase-23; MMP-21; MMP-22; MMP-23; femalysin; matrix metalloproteinase 22; matrix metalloproteinase-21; matrix metalloproteinase-22; matrix metalloproteinase 23B; matrix metalloproteinase in the female reproductive tract;
Entrez Gene ID	8510
mRNA Refseq	NM_006983.1
Protein Refseq	NP_008914.1
UniProt ID	O75900
Chromosome Location	1p36.3
Pathway	Matrix Metalloproteinases, organism-specific biosystem;
Function	metalloendopeptidase activity; metalloendopeptidase activity; metallopeptidase activity; zinc ion binding;
