



MMP28 peptide (DAG-P0819)

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

PRODUCT INFORMATION

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| Antigen Description | Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix for both normal physiological processes, such as embryonic development, reproduction and tissue remodeling, and disease processes, such as asthma and metastasis. This gene encodes a secreted enzyme that degrades casein. Its expression pattern suggests that it plays a role in tissue homeostasis and in wound repair. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014] |
| Specificity | Expressed at high levels in testes and lung. Low levels are detected in kidney, pancreas and skin. Also expressed in fetal lung, brain, skeletal muscle and kidney. Expressed selectively in keratinocytes. Widely expressed in several carcinomas as well. I |
| Purity | > 95 % by SDS-PAGE. |
| Conjugate | Unconjugated |
| Applications | WB, ELISA |
| Sequence Similarities | Belongs to the peptidase M10A family. Contains 4 hemopexin-like domains. |
| 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

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|----------------------------|---|
| Gene Name | MMP28 matrix metalloproteinase 28 [Homo sapiens (human)] |
| Official Symbol | MMP28 |
| Synonyms | MMP28; matrix metalloproteinase 28; MM28; MMP25; MMP-25; MMP-28; EPILYSIN; matrix metalloproteinase-28; matrix metalloproteinase MMP25; |
| Entrez Gene ID | 79148 |
| mRNA Refseq | NM_001032278.2 |
| Protein Refseq | NP_001027449.1 |
| UniProt ID | Q9H239 |
| Chromosome Location | 17q21.1 |
| Pathway | Matrix Metalloproteinases, organism-specific biosystem; |
| Function | calcium ion binding; metalloendopeptidase activity; zinc ion binding; |