

## Recombinant Human MMP28 cell lysate

Cat. No. MMP28-1122HCL    Lot. No. (See product label)

### SPECIFICATION

#### Product Overview

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species        | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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. Transcript variants encoding different isoforms have been described. |
| Size           | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Storage Buffer | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applications   | Western Blot;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### GENE INFORMATION

|                 |                                                                                                                                                    |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | MMP28 matrix metalloproteinase 28 [ Homo sapiens ]                                                                                                 |
| Official Symbol | MMP28                                                                                                                                              |
| Synonyms        | MMP28; matrix metalloproteinase 28; matrix metalloproteinase 28; matrix metalloproteinase-28; putative MMP28 gene product; EPILYSIN; MM28; MMP 25; |

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|                            |                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------|
|                            | MMP 28; matrix metalloproteinase-28; MMP25; MMP-28;                                       |
| <b>Gene ID</b>             | 79148                                                                                     |
| <b>mRNA Refseq</b>         | NM_001032278                                                                              |
| <b>Protein Refseq</b>      | NP_001027449                                                                              |
| <b>MIM</b>                 | 608417                                                                                    |
| <b>UniProt ID</b>          | Q9H239                                                                                    |
| <b>Chromosome Location</b> | 17q21.1                                                                                   |
| <b>Pathway</b>             | Matrix Metalloproteinases, organism-specific biosystem;                                   |
| <b>Function</b>            | calcium ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding; |

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