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Datasheet for ABIN7505098  
**MMP2 Protein (AA 445-660) (His tag)**

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | MMP2  |
| Protein Characteristics:      | AA 445-660                                  |
| Origin:                       | Human                                       |
| Source:                       | Escherichia coli (E. coli)                  |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This MMP2 protein is labelled with His tag. |

### Product Details

|                  |  |
|------------------|--|
| Sequence:        | Tyr 445-Cys 660  |
| Characteristics: | A DNA sequence encoding the Human MMP-2 protein (P08253) (Tyr 445-Cys 660) was expressed with a N-His tag. |
| Purity:          | >95 % as determined by reducing SDS-PAGE.  |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | MMP2  |
| Alternative Name: | MMP-2 ( <a href="#">MMP2 Products</a> )   |
| Background:       | Background: Matrix Metalloproteinase-2 (MMP-2) is an enzyme that degrades components of the extracellular matrix and thus plays a pivotal role in cell migration during physiological and pathological processes. MMP-2 expression is dependent on extracellular matrix met<br>Synonym: 72 kDa Type IV Collagenase,72 kDa Gelatinase, Gelatinase A,Matrix |

## Target Details

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Metalloproteinase-2,MMP-2,TBE-1,MMP2,CLG4A,CLG4,MMP-II,MONA,TBE-1

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Molecular Weight: 23.65 kDa

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UniProt: [P08253](#)

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Pathways: [Activation of Innate immune Response](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Buffer: Lyophilized from sterile PBS, pH 7.4.

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.  
Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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Expiry Date: 12 months

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