



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### MMP8 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004317-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human MMP8 full-length ORF ( NP\_002415.1, 1 a.a. - 467 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MFSLKTLPLLLLLHVQISKAFPVSSKEKNTKTQDYLEK  
FYQLPSNQYQSTRKNGTNVIVEKLEKEMQRFFGLNVTG  
KPNEETLDMMKKPRCGVPDSGGFMLTPGNPKWERT  
NLTYRIRNYTPQLSEAEVERAIKDAFELWSVASPLIFTRI  
SQGEADINIAFYQRDHGDNPFDPNGILAHAFQPGQ  
GIGGDAHFDAAETWTNTSANYNLFVAAHEFGHSLGL  
AHSSDPGALMYPNYAFRETSNYSLPQDDIDGIAIYGL  
SSNIQPTGPSTPKPCDPSLTFDAITTLRGEILFFKDRY  
FWRRHQPQLQRVEMNFISLFWPSLPTGIQAAYEDFDRD  
LIFLFKGNQYWALSGYDILQGYPKDISNYGFPSSVQAID  
AAVFYRSKTYFFVNDQFWRYDNQRQFMPEGYPKISS  
GAFPGIESKVDVAFQQEHHFHFVSGPRYYAFDLIAQRV  
TRVARGNKWLNCRYG

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 79.8

**Interspecies Antigen Sequence:** Mouse (74); Rat (72)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

**Entrez GeneID:** 4317

**Gene Symbol:** MMP8

**Gene Alias:** CLG1, HNC, PMNL-CL

**Gene Summary:** 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. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]