



# 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 Handels GmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



## Datasheet

### MMP9 (Human) Recombinant Protein (Biotin)

**Catalog Number:** P10466

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

**Product Description:** Human MMP9 (P14780, Ala20-Asp707) partial recombinant protein with His-Avi tag at the C-Terminus expressed in HEK293 cells.

**Sequence:** Ala20-Asp707

**Host:** Human

**Theoretical MW (kDa):** 79.3

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

**Form:** Lyophilized

**Conjugation:** Biotin

**Preparation Method:** Mammalian cell (HEK293) expression system

**Purity:** > 95% by Tris-Bis PAGE  
> 95% by HPLC

**Endotoxin Level:** < 0.1 EU per 1 ug as determined by the LAL method.

**Activity:** The EC<sub>50</sub> was 32.1 ng/mL, measured by ELISA at 1 ug/mL.

**Recommend Usage:** Biological Activity

ELISA

Tris-Bis PAGE

SEC-HPLC

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from 0.22 um filtered solution in PBS, pH 7.4. (8% trehalose).

**Storage Instruction:** Store at -20°C for 12 months. After reconstitution, store at 4°C for 2-7 days, or store at -80°C for 3-6 months.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4318

**Gene Symbol:** MMP9

**Gene Alias:** CLG4B, GELB, MMP-9

**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. The enzyme encoded by this gene degrades type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling. [provided by RefSeq]