

## MMP-9 Protein, Human (HEK 293, His)

<b>Cat. No.:</b>	HY-P70145
<b>Synonyms:</b>	rHuMatrix metalloproteinase-9/MMP-9, His; Matrix metalloproteinase-9; 92 kDa gelatinase; 92 kDa type IV collagenase; Gelatinase B; MMP9
<b>Species:</b>	Human
<b>Source:</b>	HEK 293
<b>Accession:</b>	P14780 (A19-D707)
<b>Gene ID:</b>	4318
<b>Molecular Weight:</b>	Approximately 90.0 kDa

### PROPERTIES

#### AA Sequence

A A P R Q R Q S T L	V L F P G D L R T N	L T D R Q L A E E Y	L Y R Y G Y T R V A
E M R G E S K S L G	P A L L L L Q K Q L	S L P E T G E L D S	A T L K A M R T P R
C G V P D L G R F Q	T F E G D L K W H H	H N I T Y W I Q N Y	S E D L P R A V I D
D A F A R A F A L W	S A V T P L T F T R	V Y S R D A D I V I	Q F G V A E H G D G
Y P F D G K D G L L	A H A F P P G P G I	Q G D A H F D D D E	L W S L G K G V V V
P T R F G N A D G A	A C H F P F I F E G	R S Y S A C T T D G	R S D G L P W C S T
T A N Y D T D D R F	G F C P S E R L Y T	Q D G N A D G K P C	Q F P F I F Q G Q S
Y S A C T T D G R S	D G Y R W C A T T A	N Y D R D K L F G F	C P T R A D S T V M
G G N S A G E L C V	F P F T F L G K E Y	S T C T S E G R G D	G R L W C A T T S N
F D S D K K W G F C	P D Q G Y S L F L V	A A H E F G H A L G	L D H S S V P E A L
M Y P M Y R F T E G	P P L H K D D V N G	I R H L Y G P R P E	P E P R P P T T T T
P Q P T A P P T V C	P T G P P T V H P S	E R P T A G P T G P	P S A G P T G P P T
A G P S T A T T V P	L S P V D D A C N V	N I F D A I A E I G	N Q L Y L F K D G K
Y W R F S E G R G S	R P Q G P F L I A D	K W P A L P R K L D	S V F E E R L S K K
L F F F S G R Q V W	V Y T G A S V L G P	R R L D K L G L G A	D V A Q V T G A L R
S G R G K M L L F S	G R R L W R F D V K	A Q M V D P R S A S	E V D R M F P G V P
L D T H D V F Q Y R	E K A Y F C Q D R F	Y W R V S S R S E L	N Q V D Q V G Y V T
Y D I L Q C P E D			

#### Biological Activity

Data is not available.

#### Appearance

Solution

#### Formulation

Supplied as a 0.2 µm filtered solution of 20 mM Tris-HCl, 2 mM CaCl<sub>2</sub>, 150 mM NaCl, 0.05% Brij35(w/v), pH 7.5.

#### Endotoxin Level

<1 EU/µg, determined by LAL method.

#### Reconstitution

N/A

#### Storage & Stability

Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.

---

**Shipping**

Shipping with dry ice.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA