

## MMP-8 Protein, Mouse (CHO, His)

Cat. No.:	HY-P73809
Synonyms:	Neutrophil collagenase; MMP-8; PMNL-CL; CLG1
Species:	Mouse
Source:	CHO
Accession:	O70138 (M1-S465)
Gene ID:	17394
Molecular Weight:	Approximately 57 kDa

### PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	MMP-8 protein has the capacity to degrade various types of fibrillar collagens, including type I, II, and III. It is suggested that MMP-8 may be involved in the breakdown of collagen fibers during the process of uterine involution.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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