

PRODUCT INFORMATION

MMP8 **Target**

Synonyms HNC; CLG1; MMP-8; PMNL-CL

Recombinant human MMP8 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** P22894 **Expression Host HEK293** Tag C-6×His tag

Molecular

Purity

MMP8(Phe21-Gly467) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight**

52.0 kDa after removal of the signal peptide. The apparent molecular mass of MMP8-His is

approximately 55-70 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the matrix metalloproteinase (MMP) family of proteins. These proteins are involved in the breakdown of extracellular matrix in embryonic development,

reproduction, and tissue remodeling, as well as in

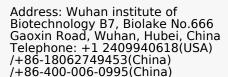
disease processes, such as arthritis and metastasis. Proteolysis at different sites on this **Background** protein results in multiple active forms of the

enzyme with distinct N-termini. This protein functions in the degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Alternative splicing results in multiple transcript

variants. [provided by RefSeq, Jan 2015]

Usage Research use only Conjugate Unconjugated









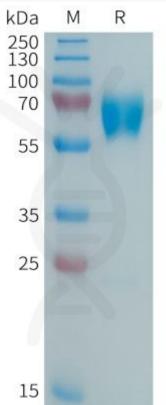


Figure 1. Human MMP8 Protein, His Tag on SDS-PAGE under reducing condition.

Email: info@dimabio.com Website: www.dimabio.com

