

Datasheet for ABIN7538378

MMP8 Protein (AA 21-467) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	MMP8
Protein Characteristics:	AA 21-467
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MMP8 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human MMP8 Protein with C-terminal 6xHis tag
Specificity:	MMP8 (Phe21-Gly467) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	MMP8
Alternative Name:	MMP8 (MMP8 Products)
Background:	This gene encodes a member of the matrix metalloproteinase (MMP) family of proteins. These

Target Details

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 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]

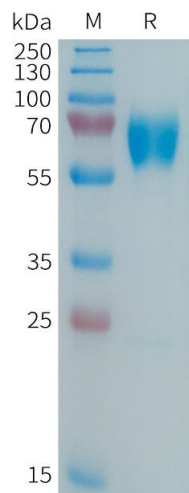
Molecular Weight:	predicted molecular mass of 52.0 kDa after removal of the signal peptide. The apparent molecular mass of MMP8-His is 55-70 kDa due to glycosylation.
UniProt:	P22894

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

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