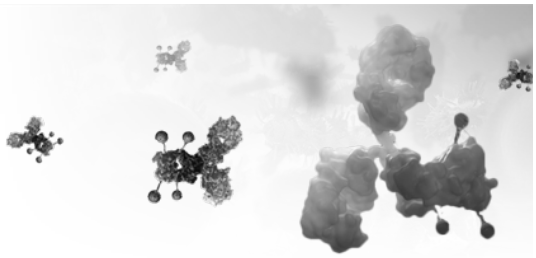

Recombinant Human MMP-8 Protein (pro form) [His] (DAG-WT2771)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Human
Purity	> 95% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	52.2 kDa
Format	Lyophilized
Size	100 µg, 500 µg
Buffer	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	Neutrophil collagenase, also known as matrix metalloproteinase-8 (MMP-8) or PMNL collagenase (MNL-CL), is a collagen cleaving enzyme which is present in the connective tissue of most mammals. In humans, the MMP-8 protein is encoded by the MMP8 gene. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils

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	and is activated by autolytic cleavage.
Keywords	Matrix metalloproteinase-8; MMP8

GENE INFORMATION

UniProt ID	P22894

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