

## MMP-7, Human Recombinant

<b>Catalog No.</b>	CRM010A CRM010B CRM010C	<b>Quantity:</b>	5 µg 20 µg 1.0 mg
<b>Alternate Names:</b>	Matrilysin, Matrin		
<b>Description:</b>	Recombinant MMP-7 is a single, non-glycosylated, polypeptide chain and has a MW of 19.1 kDa.		
<b>Concentration:</b>	5 µg / 6 µl		
<b>Source:</b>	<i>E. coli</i>		
<b>Formulation:</b>	Sterile filtered clear solution. Recombinant Human MMP-7, at a concentration of 0.83 mg/ml, contains the following additives: 10 mM HEPES (pH 7.4), 5 mM CaCl <sub>2</sub> and 150 mM NaCl.		
<b>Purity:</b>	>95.0% as determined by RP-HPLC and SDS-PAGE		
<b>Endotoxin Level:</b>	Less than 0.1 ng/µg of protein.		
<b>Specific Activity:</b>	3100 IU/mg One unit is defined as the digestion of 1 µg Azocoll/min at 37°C.		
<b>Storage &amp; Stability:</b>	MMP-7, although stable at 2-4°C for 3 weeks, should be stored desiccated below -20°C. <b>Please avoid freeze-thaw cycles.</b>		
<b>Notes:</b>	<b>Applications:</b> Western Blotting: 1:1,000-1:5,000 for neat serum and 1-10 µg/ml for affinity pure antibody using ECL technique ELISA: Control peptide can be used to coat ELISA plates at 1 µg/ml and detected with antibodies (1:10,000:-1:50,000 for neat serum and 0.5-1 µg/ml for affinity pure).		

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