


Human MMP7 Protein, His tag (Animal-Free)

Cat #: PRP1914

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human MMP7 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1914	LOT	Lot Number: Refer to product label
	Purity: > 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: Active matrix metalloproteinase-7 (Active MMP-7) is estricted production by normal mucosal and exocrine gland epithelial cells, as well as by carcinoma cells. Functionally, it involved breakdown of extracellular matrix (casein, gelatins of types I, III, IV, and V, and fibronectin) in normal physiological processes and disease processes. MMP-7 is contributed to early tumor development during carcinogenesis.

Sequence: Amino acid sequence derived from Human MMP7 (Tyr95-Lys267) (P09237) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human MMP7 consists of 173 amino acids and predicts a molecular mass of 20 kDa.

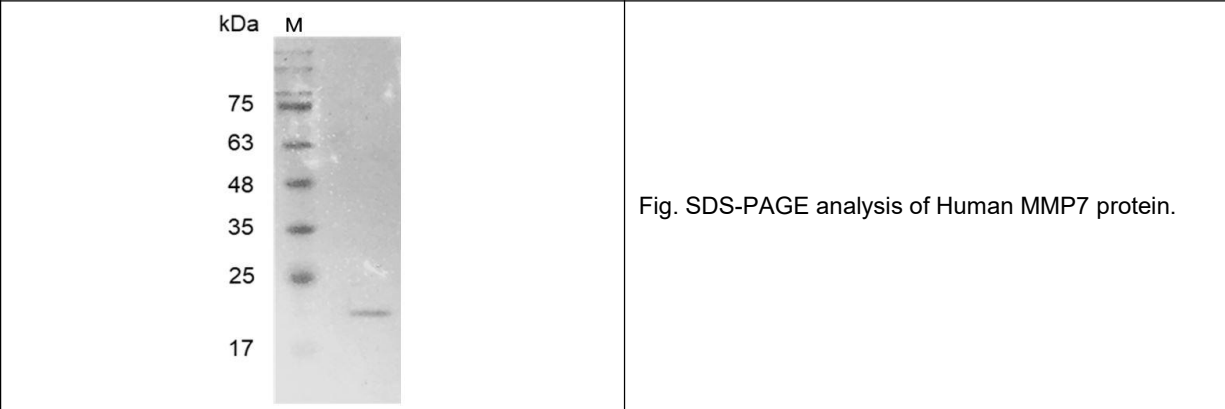
Biological Activity: Testing in process.

Endotoxin: <0.1 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from PBS, pH 8.0.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA , 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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