

MMP-28 Protein, Human (His)

Cat. No.:	HY-P78001
Synonyms:	MMP-28; Epilysin; MMP25
Species:	Human
Source:	E. coli
Accession:	Q9H239 (F123-F520)
Gene ID:	79148
Molecular Weight:	Approximately 46.2 kDa

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris, 300 mM NaCl, 0.1% SKL, pH 7.5.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	MMP-28, also known as matrix metalloproteinase-28, exhibits the intriguing capacity to degrade casein, a protein found in milk. This enzymatic activity suggests that MMP-28 could play a crucial role in maintaining the equilibrium and repair mechanisms of various tissues. By breaking down casein, MMP-28 might participate in processes such as tissue remodeling, wound healing, and the resolution of inflammation. Understanding the precise functions and regulation of MMP-28 can provide valuable insights into its involvement in tissue homeostasis and repair, potentially offering therapeutic opportunities for conditions characterized by disrupted tissue integrity or impaired healing.
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Caution: Product has not been fully validated for medical applications. For research use only.

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