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Product Datasheet

Recombinant Human MMP-7 Protein, Chinese Hamster ABB-RP01928

Article Name	Recombinant Human MMP-7 Protein, Chinese Hamster
Biozol Catalog Number	ABB-RP01928
Supplier Catalog Number	RP01928
Alternative Catalog Number	ABB-RP01928-20UG, ABB-RP01928-50UG, ABB-RP01928-10UG, ABB-RP01928-100UG, ABB-RP01928-1000UG, ABB-RP01928-500UG
Manufacturer	ABclonal
Host	Chinese Hamster
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Met1-Lys267
Product Description	MMP-7, Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase. Matrix metalloproteinases (MMPs) are a family of zinc and calcium dependent endopeptidases with the combined ability to degrade all the components of the extracellular matrix. They are involved in a variety of physiological and pathological processes, including tissue remodeling, cell migration, and metastasis.
Concentration	< 0.01 EU/µg of the protein by LAL method
Molecular Weight	30.52 kDa
NCBI	4316
UniProt	P09237
Purity	85 % as determined by SDS-PAGE.

Form	Lyophilized from 0.22 μ m filtered solution in 10mM HEPES,5mM CaCl ₂ ,150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Sequence	MRLTVLCAVCLLPGSLALPLPQEAGGMSELQWEQAQDYLKRFYLYDSETKNA NSLEAKLKEMQKFFGLPITGMLNSRVIEIMQKPRCGVPDVAEYSLFPNSPKWTS KVVTYRIVSYTRDLPHITVDRLVSKALNMWGKEIPLHFRKVVWTADIMIGFAR GAHGDSYPFDGPGNTLAHAFAPGTGLGGDAHFDEDERWTDGSSLGINFLYA ATHELGHSLGMGHSSDPNAVMYPTYGNGDPQNFKLSQDDIKGIQ
Target	MMP7
Application Dilute	Lyophilized from 0.22 μ m filtered solution in 10mM HEPES,5mM CaCl ₂ ,150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage,it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA,5% HSA,10% FBS or 5% Trehalose),and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Other Recombinant Protein