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Product Datasheet

Recombinant Human MMP-10 Protein ABB-RP01969

Article Name	Recombinant Human MMP-10 Protein
Biozol Catalog Number	ABB-RP01969
Supplier Catalog Number	RP01969
Alternative Catalog Number	ABB-RP01969-20UG, ABB-RP01969-50UG, ABB-RP01969-500UG, ABB-RP01969-10UG, ABB-RP01969-100UG, ABB-RP01969-1000UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Tyr18-Cys476
Product Description	Matrix metalloproteinases are a family of zinc and calcium dependent endopeptidases with the combined ability to degrade all the components of the extracellular matrix. MMP-10 degrades a broad range of substrates including gelatin, collagen types III...
Concentration	< 0.01 EU/μg of the protein by LAL method
Molecular Weight	53.1 KDa
NCBI	4319
UniProt	P09238
Purity	95 % as determined by SDS-PAGE.

Form	Lyophilized from a 0.2 µm filtered solution of 150 mM NaCl, 5 mM CaCl ₂ , 50 mM Tris, pH 7.5.
Sequence	YPLSGAAKEEDSNKDLAQQYLEKYNNLEKDVKQFRRKDSNLIVKKIQGMQKFL GLEVTGKLDTDTLEVMRKPRCGVPDVGHFSSFPGMKWRKTHLTYRIVNYTP DLPRDAVDSAIEKALKVWEEVTPLTFSRLYEGEADIMISFAVKEHGDFYSFDGP GHSLAHAYPPGPGLYGDIHFDDDEKWTEASGTNLFVAAHELGHSLGLFHS ANTEALMYPLYNSTELAQFRLSQDDVNGIQSLYGPPPASTEET
Target	MMP10, STMY2
Application Dilute	Lyophilized from a 0.2 µm filtered solution of 150 mM NaCl, 5 mM CaCl ₂ , 50 mM Tris, pH 7.5.
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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Other Recombinant Protein