

Recombinant Cynomolgus MMP9 Protein, His-tagged

Cat. No. MMP9-7954C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus MMP9 Protein(XP_005569271.2)(Ala 20 - Pro 469), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	20-469 aa
Source	HEK293
Species	Cynomolgus
Tag	C-His
Form	Supplied as 0.2 µm filtered solution in 25 mM Tris, 150 mM NaCl, pH7.5 with glycerol as protectant.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-PLGL-Dpa-AR-NH ₂ . The specific activity is >1500 pmol/min/µg.
Molecular Mass	The protein has a calculated MW of 51.8 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. This product is stable after storage at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MMP9 matrix metalloproteinase 9 [<i>Macaca fascicularis</i> (crab-eating macaque)]
Official Symbol	MMP9
Synonyms	Matrix metalloproteinase-9; 92 kDa gelatinase; 92 kDa type IV collagenase; Gelatinase B; GELB; Mmp9; MANDP2; AW743869; B/MMP; B/MMP9; Clg4; Clg4b; Gel B; MMP-9; pro-MMP-9
Gene ID	102117693
mRNA Refseq	XM_005569214
Protein Refseq	XP_005569271

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