

# Human MMP-24 Recombinant Protein

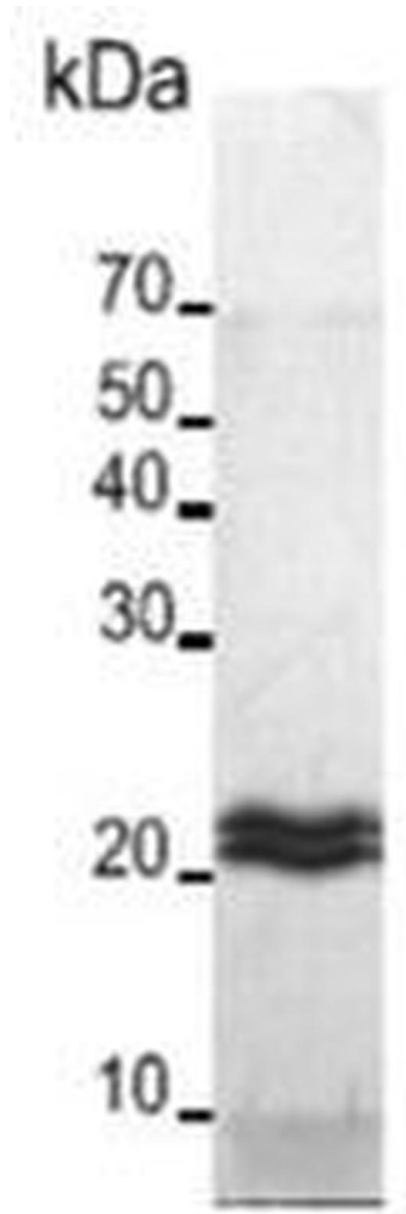
Product Details	
Size	10 µg
Species	Human
Expression system	E. coli
Tag	His-tag
Molecular weight	23 kDa
Class	Recombinant
Type	Protein
Activity	Specific Activity > 120 mU/mg; with 1 U defined as the activity that hydrolyzes 1 µmol peptide (7-methoxycoumarin-4-yl) acetyl-Pro-Leu-Gly-Leu-(3-[2,4-dinitrophenyl]-L-2,3- diamino-propionyl)-Ala-Arg-NH <sub>2</sub> (Mca-Pro-Leu-Gly-Leu-Dpa-Ala-Arg) within 1 min. The catalytic domain of MT5-MMP is inhibited by tissue inhibitor of matrix metalloproteinase-2 (TIMP-2) and by chelators of divalent cations like EDTA or o-phenanthroline.
Conjugate	Unconjugated
Form	Liquid
Concentration	0.2 mg/mL
Storage conditions	-80° C, Avoid Freeze/Thaw Cycles

Applications	Tested Dilution	Publications
Control (Ctrl)	Assay-dependent	-
SDS-PAGE (SDS-PAGE)	Assay-dependent	-

## Product Specific Information

RP-77536 is a purified recombinant MMP-24 (catalytic domain) protein purified from E. coli periplasm. MT5-MMP catalytic domain is produced by activation of a recombinant soluble proform of MT5-MMP. Activation generates two molecular species. One species begins at the N-terminus with Tyr156 of full-length MT5-MMP, while the other species is two amino acid residues shorter and starts with Leu158. Both species extend to Ser351 of MT5-MMP.

Product Images For Human MMP-24 Recombinant Protein



**Human MMP-24 Protein (RP-77536) in SDS-PAGE**  
SDS-PAGE of 2 µg MT5-MMP catalytic domain (Product # RP-77536).

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