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Human MMP-8 Recombinant Protein (85-993)

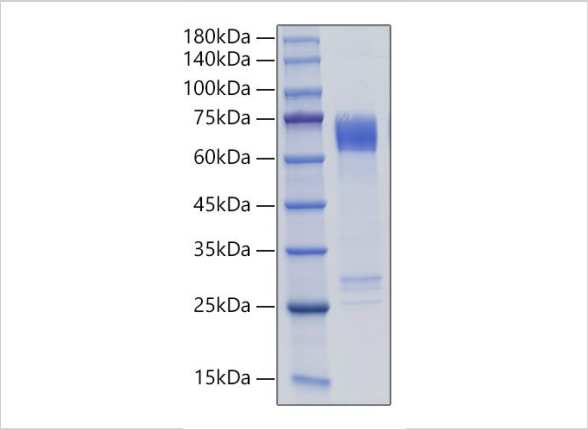
CATALOG NUMBER: 85-993

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	51.97 kDa
Biological Activity	Recombinant Human MMP-8 Protein cleave the fluorogenic peptide substrate, Mca-PLGL-Dpa-AR-NH2. The specific activity is >194 pmol/min/μg, as measured under the described conditions.

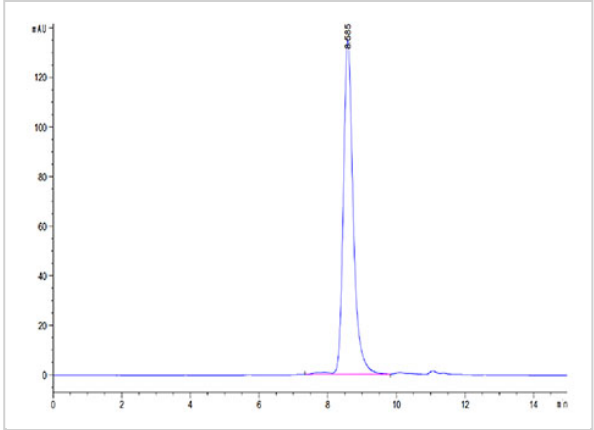
Properties

Purity	≥ 95 % as determined by Tris-Bis PAGE;≥ 95 % as determined by HPLC.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.2 μm filtered solution of 50mM Tris , 10 mM CaCl2, 150 mM NaCl, pH 7.5. Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



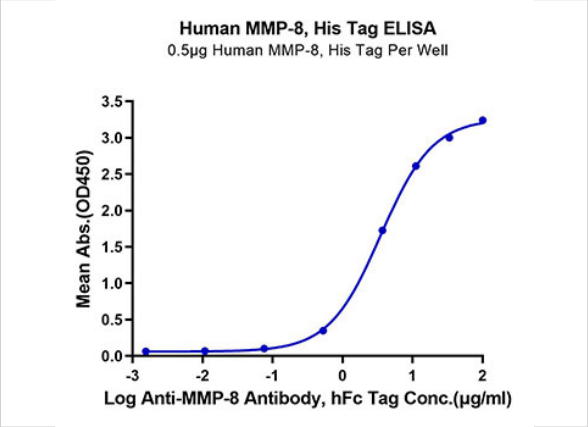
85-993_1

Recombinant Human MMP-8 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



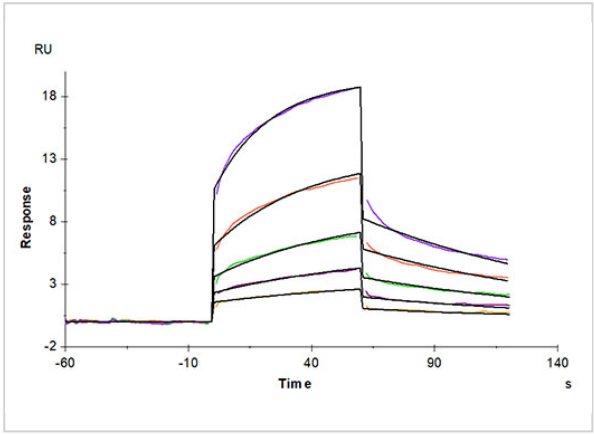
85-993_2

The purity of Human MMP-8 is greater than 95% as determined by SEC-HPLC.



85-993_3

Immobilized Human MMP-8, His Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for Anti-MMP-8 Antibody, hFc Tag with the EC_{50} of 3.5μg/ml determined by ELISA.



85-993_4

Anti-MMP-8 Antibody captured on CM5 Chip via Protein A can bind Human MMP-8, His Tag with an affinity constant of 1.14 μM as determined in SPR assay (Biacore T200).

Disclaimer

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