

Human MMP 8 Recombinant Protein



RPPB2060

Product Information Protein Information

Product SKU:

RPPB2060

Accession:

P22894

Host:

Escherichia Coli.

Protein description:

Matrix Metalloproteinase-8 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain having a molecular mass of 75 kDa. The MMP-8 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

EC 3.4.24.34, Matrix metalloproteinase-8, MMP-8, PMNL-CL, HNC, CLG1.

Formulation:

The MMP-8 protein solution (100 units/ml) in 0.05M Tris-HCl buffer, pH 7.6, 0.2M NaCl, 5mM CaCl₂, 0.0025% NaN₃ and 0.1% BSA.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Biological Activity:

100 units/ml after activation with APMA by solution assay method. One unit of collagenolytic activity is defined as the cleavage of 1µg of collagen per minute by the solution method.