

Recombinant Human MMP7, Fc tagged

Cat. No. MMP7-810H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP7 active form (NP_002414.1) (Tyr 95-Lys 267), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	95-267 a.a.
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5
Molecular Mass	The recombinant human Fc/MMP7 chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 410 amino acids and predicts a molecular mass of 45.8 kDa. As a result of glycosylation, the rh Fc/MMP7 monomer migrates as an approximately 55 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.


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GENE INFORMATION

Gene Name	MMP7 matrix metalloproteinase 7 (matrilysin, uterine) [Homo sapiens]
Official Symbol	MMP7
Gene ID	4316
mRNA Refseq	NM_002423
Protein Refseq	NP_002414
MIM	178990
UniProt ID	P09237

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