

Recombinant Human MMP19 protein(Leu101-Gly256)

Cat. No. MMP19-7378H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP19 (Q99542-1) (Leu101-Gly256) was expressed in E. coli, with a N-terminal Met.
Species	Human
Source	E.coli
ProteinLength	101-256 a.a.
Form	Lyophilized from sterile 20mM Tris, 100mM NaCl, 0.5M Arg, 5mM CaCl ₂ , 0.03% Brij35, 50uM ZnCl ₂ , 1/0.1mM GSH/GSSG, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human MMP19 consists of 157 amino acids and predicts a molecular mass of 17.6 KDa. It migrates as an approximately 18 KDa band in SDS-PAGE under reducing conditions.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name MMP19 matrix metallopeptidase 19 [Homo sapiens]

Official Symbol MMP19

Synonyms MMP19; matrix metallopeptidase 19; matrix metalloproteinase 19 , MMP18; matrix metalloproteinase-19; RASI 1; MMP-18; MMP-19; matrix metalloproteinase 18; matrix metalloproteinase 19; matrix metalloproteinase-18; matrix metalloproteinase RASI; MMP18; RASI-1;

Gene ID 4327

mRNA Refseq NM_002429

Protein Refseq NP_002420

MIM 601807

UniProt ID Q99542

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