

Recombinant Human MMP19 protein, His-tagged

Cat. No. MMP19-3405H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP19 protein(207-508 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	207-508 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	RIIAAHEVGHALGLGHSRYSQALMAPVYEGYRPHFKLHPDDVAGIQALYGKKSPVIR DEEEEETELPTVPPVPTEPSPMPDPCSELDMMLGPRGKTYAFKGDYVWTVSDS GPGPLFRVSALWEGLPGNLDAAVYSPRTQWIHFFKGDKVWRYINFKMSPGFPPKLN RVEPNLDAALYWPLNQKVFLLFKGSGYWQWDELARTDFSSYPKPIKGLFTGVPNQPS AAMSWQDGRVYFFKGVYWRNLNQLRVEKGYPRNISHNWMHCRPRTIDTTPSGG NTTPSGTGITLDTTSLATETTFEY
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

[MMP19 matrix metalloproteinase 19 \[Homo sapiens \]](#)

Official Symbol

[MMP19](#)

Synonyms

MMP19; matrix metalloproteinase 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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