

Recombinant Human MMP16 protein, His-tagged

Cat. No. MMP16-712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP16 protein(NP_005932)(33-400 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	33-400 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	TVCGTEQYFNVEVWLQKYGYLPPTDPRMSVLRSAETMQSALAAMQQFYGINMTGK VDRNTIDWMKKPRCGVPDQTRGSSKFHIRRKRYALTGQKWQHKHITYSIKNVTPKV GDPETRKAIRRAFDVWQNVPTLTFEEVPYSELENGKRDVDITIIIFASGFHGDSSPFD GEGGFLAHAYFPGPGIGGDTHFDSDEPWTLGPNPHDGNLFLVAVHELGHALGLE HSNDPTAIMAPFYQYMETDNFKLPNDLQGIQKIYGPPDKIPPTRPLPTVPPHRSIP PADPRKNDRPKPPRPPTGRPSYPGAKPNICDGNFNTLAILRREMFVKDQWFWRV RNNRVMDGYPMQITYFWRGLPPSIDAVYENS
Purity	85%, 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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 $\mu\text{g}/\mu\text{l}$ 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 [MMP16 matrix metalloproteinase 16 \(membrane-inserted\) \[Homo sapiens \]](#)

Official Symbol [MMP16](#)

Synonyms

MMP16; matrix metalloproteinase 16 (membrane-inserted); C8orf57, chromosome 8 open reading frame 57 , matrix metalloproteinase 16 (membrane inserted); matrix metalloproteinase-16; DKFZp761D112; MT3 MMP; MMP-16; MT3MMP; MTMMP3; MT-MMP 3; Putative transmembrane protein C8orf57; membrane-type matrix metalloproteinase 3; membrane-type-3 matrix metalloproteinase; MMP-X2; C8orf57; MT-MMP2; MT-MMP3; MT3-MMP;

Gene ID [4325](#)

mRNA Refseq [NM_005941](#)

Protein Refseq [NP_005932](#)

MIM [602262](#)

UniProt ID [P51512](#)

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