

## Recombinant Human MMP16 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MMP16 protein(NP_005932)(33-400 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	33-400 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	TVCGTEQYFNVEVWLQKYGYLPPTDPRMSVLRSAETMQSALAAMQQFYGINMTGK VDRNTIDWMKKPRCGVPDQTRGSSKFHIRRKRYALTGQKWQHKHITYSIKINVTPKV GDPETRKAIRRAFDVWQNVTPLTFFEEVPYSELENGKRDVDITIIIFASGFHGDSSPFD GEGGFLAHAYFPGPGIGGDTHFDSDEPWTLGNPNHDGNDLFLVAVHELGHALGLE HSNDPTAIMAPFYQYMETDNFKLPNDLQGIQKIYGPPDKIPPPTRPLPTVPPHRSIP PADPRKNDRPKPPRPPTGRPSYPGAKPNICDGNFNTLAILRREMFVFKDQWFWRV RNNRVMDGYPMQITYFWRGLPPSIDAVYENS
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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 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**

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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