

## Recombinant Human MMP14 protein, His-SUMO-tagged

Cat. No. MMP14-3233H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human MMP14 protein(P50281)(112-582aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.

**Species** Human

**Source** E.coli

**ProteinLength** 112-582aa

**Form** If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.  
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

**Molecular Mass** 69.9 kDa

**AA Sequence**

YAIQGLKWQHNEITFCIQNYTPKVGEYATYEAIRKAFRVWESATPLRFREVPYAYIRE  
GHEKQADIMIFFAEGFHGDSTPFDGEGGFLAHAYFPGPNIGGDTHFDSAEPWTVRN  
EDLNGNDIFLVAVHELGHALGLEHSSDPSAIMAPFYQWMDTENFVLPDDDRRGIQQ  
LYGGESGFPTKMPPQPRTTSRPSVPDKPKNPTYGPNICDGNFDTVAMLRGEMFVF  
KERWFWRVRRNNQVMDGYMPPIGQFWRGLPASINTAYERKDGKVFVFKGDKHWVF  
DEASLEPGYPKHIKELGRGLPTDKIDAALFWMPNGKTYFFRGNKYYRFNEELRAVDS  
EYPKNIKVWEGIPESPRGSFMGSDEVFTYFYKGNKYWKFNQKLVKVEPGYPKSALR  
DWMGCPSPGGRPDEGTEETEVIIEVDEEGGAVSAAAVVLPVLLLLLVAVGLAVFF  
FRRHGTPRRLLYCQRSLLDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

<b>Gene Name</b>	MMP14 matrix metalloproteinase 14 (membrane-inserted) [ Homo sapiens ]
<b>Official Symbol</b>	MMP14
<b>Synonyms</b>	MMP14; matrix metalloproteinase 14 (membrane-inserted); matrix metalloproteinase 14 (membrane inserted); matrix metalloproteinase-14; membrane type 1 metalloprotease; MT1 MMP; membrane-type matrix metalloproteinase 1; membrane-type-1 matrix metalloproteinase; matrix metalloproteinase 14 (membrane-inserted); 1; MMP-14; MMP-X1; MT-MMP; MT1MMP; MTMMP1; MT1-MMP; MT-MMP 1;
<b>Gene ID</b>	4323
<b>mRNA Refseq</b>	NM_004995
<b>Protein Refseq</b>	NP_004986
<b>MIM</b>	600754
<b>UniProt ID</b>	P50281

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