

## Recombinant Human MMP14 protein, His-tagged

Cat. No. MMP14-3649H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human MMP14 protein(356-475 aa), fused with N-terminal His tag, was expressed in E. coli.

**Species** Human

**Source** E.coli

**ProteinLength** 356-475 aa

**Tag** N-His

**Form** 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, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

**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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution** Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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**AA Sequence** PIGQFWRGLPASINTAYERKDGKFVFFKGDKHWVFDEASLEPGYPKHIKELGRGLPT  
DKIDAALFWMPNGKTYFFRGNKYRNFNEELRAVDSEYPKNIKVWEGIPESPRGSFM  
GSDEVFT

## GENE INFORMATION

**Gene Name** [MMP14 matrix metalloproteinase 14 \(membrane-inserted\) \[ Homo sapiens \]](#)

**Official Symbol** [MMP14](#)

**Synonyms** MMP14; matrix metalloproteinase 14 (membrane-inserted); matrix metalloproteinase 14 (membrane inserted); matrix metalloproteinase-14; membrane type 1 metalloproteinase; 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;

**Gene ID** [4323](#)

**mRNA Refseq** [NM\\_004995](#)

**Protein Refseq** [NP\\_004986](#)

**MIM** [600754](#)

**UniProt ID** [P50281](#)

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SDS-PAGE



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