

Recombinant Human MMP14 protein, His-tagged

Cat. No. MMP14-657H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP14 protein(NP_004986.1)(520aa), fused with His Tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	520aa
Molecular Mass	59.4kDa
AA Sequence	<p>MHHHHHHLA SLGSAQSSSF SPEAWLQQYG YLPPGDLRTH TQRSPQSLSA AIAAMQKFYG LQVTGKADAD TMKAMRRPRC GVPDKFGAEI KANVRRKRYA IQGLKWQHNE ITFCIQNYTP KVGEYATYEA IRKAFRVWES ATPLRFREVP YAYIREGHEK QADIMIFFAE GFHGDSTPFD GEGGFLAHAY FPGPNIGGDT HFDSAEPWTV RNEDLNGNDI FLVAVHELGH ALGLEHSSDP SAIMAPFYQW MDTENFVLPD DRRRGIQQLY GGESGFPTKM PPQPRTTSRP SVPDKPKNPT YGNICDGNF DTVAMLRGEM FVFKERWFWR VRNNQVMDGY PMPIGQFWRG LPASINTAYE RKDGKVFVFFK GDKHWVFDEA SLEPGYPKHI KELGRGLPTD KIDAALFWMP</p>

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



NGKTYFFRGN
 KYRFRNEELR AVDSEYPKNI KVVWEGIPESP RGSFMGSDEV FTYFYKGNKY
 WKFNNQKLKV
 EPGYPKSALR DWMGCPSGGR PDEGTEEETE VIIIIVDEEG

Endotoxin < 1EU/μg

Purity >95%(SDS-PAGE & RP-HPLC)

Storage If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C. For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA) and store at -20~ -80°C. Avoid multiple freeze-thaws.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

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mRNA Refseq	NM_004995
Protein Refseq	NP_004986
MIM	600754
UniProt ID	P50281

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