

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	MHHHHHHALA 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 DRRGIQQLY GGESGFPTKM PPQPRTTSRP SVPDKPKNPT YGPNICDGNF DTVAMLRGEM FVFKERWFWR VRNNQVMDGY PMPIGQFWRG LPASINTAYE RKDGKVFVFFK GDKHWVFDEA SLEPGYPKHI KELGRGLPTD KIDAALFWMP

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	NGKTYFFRGN KYYRFNEELR AVDSEYPKNI KVVWEGIPESP RGSFMGSDEV FTYFYKGNKY WKFNNQKLKV EPGYPKSALR DWMGCPSGGR PDEGTEEEETE VIIIEVDEEG
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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