

Recombinant Human MMP3 protein, His-SUMO-tagged

Cat. No. MMP3-3235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP3 protein(P08254)(102-477aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	102-477aa
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	58.5 kDa
AA Sequence	TFPGIPKWRKTHLTYRIVNYTPDLPKDAVDSAVEKALKVWEEVTPLTFSRLYEGEADI MISFAVREHGDFYPFDGPGNVLAHAYAPGPGINGDAHFDDEQWTKDTTGTNLFV AAHEIGHSLGLFHSANTEALMYPLYHSLTDLTRFRLSQDDINGIQSLYGPPDPSPETP LVPTEPVPPEPGTPANCDPALSFDAVSTLRGEILIFKDRHFWRKSLRKLEPELHLISSF WPSLPSGVDAAYEVTSKDLVFIFKGNQFWAIRGNEVRAGYPRGIHTLGFPTVRKID AAISDKEKNKTYFFVEDKYWRFDEKRNSMEPGFQKQIAEDFPGIDSKIDAVFEEFGFF YFFTGSSQLEFDPNAKKVTHTLKSNLNC
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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	
Gene Name	MMP3 matrix metalloproteinase 3 (stromelysin 1, progelatinase) [Homo sapiens]
Official Symbol	MMP3
Synonyms	MMP3; matrix metalloproteinase 3 (stromelysin 1, progelatinase); matrix metalloproteinase 3 (stromelysin 1, progelatinase) , STMY, STMY1; stromelysin-1; transin-1; proteoglycanase; matrix metalloproteinase-3; matrix metalloproteinase 3 (stromelysin 1, progelatinase); SL-1; STMY; STR1; CHDS6; MMP-3; STMY1; MGC126102; MGC126103; MGC126104;
Gene ID	4314
mRNA Refseq	NM_002422
Protein Refseq	NP_002413
MIM	185250
UniProt ID	P08254