

Recombinant Human MMP7 Protein, GST-tagged

Cat. No. MMP7-395H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP7 Protein(NP_002414)(1-100 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-100 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MRLTVLCAVCLLPGLSLALPLPQEAGGMSELQWEQAQDYLRFYLYDSETKNANSLE AKLKEMQKFFGLPITGMLNSHVIEIMQKPRCGVPDVAEYSLFPN
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

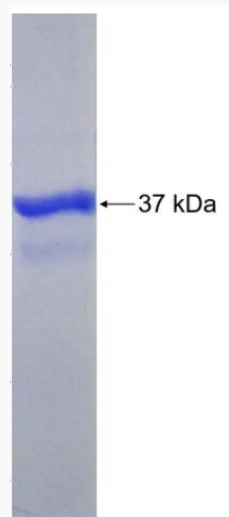
Gene Name	MMP7 matrix metalloproteinase 7 (matrilysin, uterine) [Homo sapiens]
Official Symbol	MMP7
Synonyms	MMP7; matrix metalloproteinase 7 (matrilysin, uterine); matrix metalloproteinase 7 (matrilysin, uterine) , MPSL1; matrilysin; PUMP 1; matrin; pump-1 protease; uterine matrilysin; uterine metalloproteinase; matrix metalloproteinase-7; matrix metalloproteinase 7 (matrilysin, uterine); MMP-7; MPSL1; PUMP-1;
Gene ID	4316
mRNA Refseq	NM_002423
Protein Refseq	NP_002414
MIM	178990
UniProt ID	P09237

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SDS-PAGE



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