

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	MRLTVLCAVCLLPGLALPLPQEAGGMSELQWEQAQDYLKRFYLYDSETKNANSLE 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 g/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) , MP-1; matrilysin; PUMP 1; matrin; pump-1 protease; uterine matrilysin; uterine metalloproteinase; matrix metalloproteinase-7; matrix metalloproteinase 7 (matrilysin, uterine); MMP-7; MP-1; PUMP-1;

Gene ID [4316](#)

mRNA Refseq [NM_002423](#)

Protein Refseq [NP_002414](#)

MIM [178990](#)

UniProt ID [P09237](#)

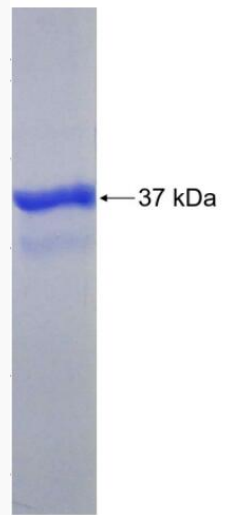
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SDS-PAGE



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