

Recombinant Human TIMP4 protein, GST-tagged

Cat. No. TIMP4-3111H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human TIMP4 protein(116-175 aa), fused with N-terminal GST tag, was expressed in E. coli. |
| Species | Human |
| Source | E. coli |
| ProteinLength | 116-175 aa |
| Form | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| AASequence | LTGQVLSDGKVFHLCNYIEPWEDLSLVQRESLNHHYHLNCGCQITTCYTVPCTISAP NE |
| Purity | 85%, by SDS-PAGE. |
| Storage | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of |

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

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

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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|------------------------|--|
| Gene Name | TIMP4 TIMP metalloproteinase inhibitor 4 [Homo sapiens] |
| Official Symbol | TIMP4 |
| Synonyms | TIMP4; TIMP metalloproteinase inhibitor 4; tissue inhibitor of metalloproteinase 4; metalloproteinase inhibitor 4; TIMP-4; tissue inhibitor of metalloproteinases 4; |
| mRNA Refseq | NM_003256 |
| Protein Refseq | NP_003247 |
| MIM | 601915 |
| UniProt ID | Q99727 |
| Gene ID | 7079 |

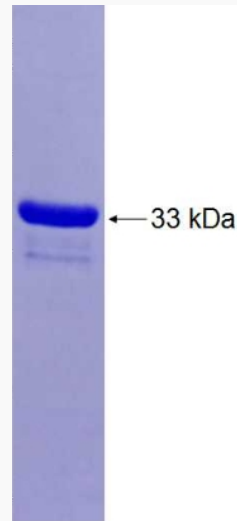
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SDS-PAGE



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