Datasheet for ABIN1322795

# TIMP4 Protein (AA 1-224) (GST tag)

1 Image | 1 Publication

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## Overview

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|---|---|
| Quantity: | 10 µg |
| Target: | TIMP4 |
| Protein Characteristics: | AA 1-224 |
| Origin: | Human |
| Source: | Wheat germ |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TIMP4 protein is labelled with GST tag. |
| Application: | Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA) |

## Product Details

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| Purpose: | TIMP4 (Human) Recombinant Protein (P01) |
| Sequence: | MPGSPRPAPS WVLLLRLLAL LRPPGLGEAC SCAPAHPQQH ICHSALVIRA KISSEKVVPA SADPADTEKM LRYEIKQIKM FKGFEKVKDV QYIYTPFDSS LCGVKLEANS QKQYLLTGQV LSDGKVFIHL CNYIEPWEGL SLVQRESLNH HYHLNCGCQI TTCYTVPCTI SAPNECLWTD WLLGRKLYGY QAQHYVCMKH VDGTCSWYRG HLPLRKEFVD IVQP |
| Characteristics: | Human TIMP4 full-length ORF ( AAH10553.1, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal. |
| Purification: | in vitro wheat germ expression system |

## Target Details

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| Target: | TIMP4 |

## Target Details

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| Alternative Name: | TIMP4 (TIMP4 Products) |
| Background: | Full Gene Name: TIMP metallopeptidase inhibitor 4<br>Synonyms: |
| Gene ID: | 7079 |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | Preparation method: in vitro, wheat germ expression system<br>Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue. |
| Restrictions: | For Research Use only |

## Handling

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| Buffer: | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer. |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing. |
| Storage: | -80 °C |
| Storage Comment: | Best use within three months from the date of receipt of this protein. |

## Publications

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|---|---|
| Product cited in: | Boström, Wu, Jedrychowski, Korde, Ye, Lo, Rasbach, Boström, Choi, Long, Kajimura, Zingaretti, Vind, Tu, Cinti, Højlund, Gygi, Spiegelman: "A PGC1-?-dependent myokine that drives brown-fat-like development of white fat and thermogenesis." in: **Nature**, Vol. 481, Issue 7382, pp. 463-8, ( 2012) (PubMed). |

## Images

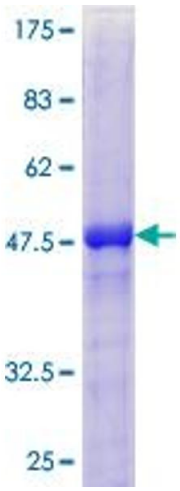


**Image 1.**

 