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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MMP10 (Human) Recombinant Protein (P01)

Catalog Number: H00004319-P01

Regulation Status: For research use only (RUO)

Product Description: Human MMP10 full-length ORF (NP_002416.1, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MMHLAFLVLLCLPVC SAYPLSGAAKEEDSNKDLAQQY
LEKYNNLEKDVKQFRRKDSNLIVKKIQGMQKFLGLEVT
GKLDTDLTLEVMRKPRCGVPDVGHFSSFGMPKWRKT
HLTYRIVNYTPDLPRDAVDSAIEKALKVWEEVPTLTF
RLYEGEADIMISFAVKEHGFYSFDGPGHSLAHAYPP
GPGLYGDIHFDDDEKWTEDASGTNLFLVAAHELGHSL
GLFHSANTEALMYPLYNSTELAQFRLSQDDVNGIQSL
YGPPPASTEELVPTKSVPSGSEMPAKCDPALSFDAIS
TLRGEYLFKDRYFWRRSHWNPEPEFHLISAFWPSLP
SYLDAAYEVNSRDTVIFIKGNEFWAIRGNEVQAGYPR
GIHTLGFPTIRKIDAAVSDKEKKKTYFFAADKYWRFD
ENSQSMEQGFPRLIADDFPGVEPKVDVLAQAFGFFYF
FSGSSQFEFDPNARMVTHILKSNSWLHC

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80.6

Interspecies Antigen Sequence: Mouse (76)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

Entrez GeneID: 4319

Gene Symbol: MMP10

Gene Alias: SL-2, STMY2

Gene Summary: Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades proteoglycans and fibronectin. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. [provided by RefSeq]