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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MMP14 (Human) Recombinant Protein (P01)

Catalog Number: H00004323-P01

Regulation Status: For research use only (RUO)

Product Description: Human MMP14 full-length ORF (AAH64803.1, 1 a.a. - 582 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSPAPRPSRCLLLPLLLTGTALASLGSQSSSFPEA
WLQQYGYLPPGDLRTHTRSPQSLSAIAAMQKFYGL
QVTGKADATMKAMRRPRCGVPDKFGAEIKANVRRK
RYAIQGLKWQHNEITFCIQNYTPKVGEYATYEAIRKAF
RVWESATPLRFREVPYAYIREGHEKQADIMIFFAEGFH
GDSTPFDGEGGFLAHAYFPGPNIGGDTHFDSAEPWT
VRNEDLNGNDIFLVAVHELGHALGLEHSSDPSAIMAPF
YQWMDTENFVLPDDRRGIQQLYGGESGFPTKMPQ
PRTTSRPSVPDKPKNPTYGPNICDGNFDTVAMLRGEM
FVFKERWFWRVRNNQVMDGYPMPIGQFWRGLPASIN
TAYERKDGKVFVFFKGDKHVVFEASLEPGYPKHIKEL
GRGLPTDKIDAALFWMPNGKTYFFRGNKYYRFNEELR
AVDSEYPKNIKVWEGIPESPRGSFMGSDEVFTYFYKG
NKYWKFNQKLVKVEPGYPKSALRDWMGCPSSGGRPD
EGTEETEVIIEVDEEGGAVSAAAVVLPVLLLLLVAV
GLAVFFFRRHGTPRRLLYCQRSLLDKV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 92.3

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: 4323

Gene Symbol: MMP14

Gene Alias: MMP-X1, MT1-MMP, MTMMP1

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. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily; each member of this subfamily contains a potential transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. This protein activates MMP2 protein, and this activity may be involved in tumor invasion. [provided by RefSeq]