

Recombinant Full Length Human MMP23B Protein, GST-tagged

Cat. No. MMP23B-6518HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MMP23B full-length ORF (NP_008914.1, 1 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	390 amino acids
Description	This gene (MMP23B) encodes a member of the matrix metalloproteinase (MMP) family, and it is part of a duplicated region of chromosome 1p36.3. 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. This gene belongs to the more telomeric copy of the duplicated region. [provided by RefSeq]
Molecular Mass	70.3 kDa
AA Sequence	MGRGARVPSEAPGAGVERRWLGAALVALCLLPALVLLARLGAPAVPAWSAAQGDV AALGLSAVPPTRVPGPLAPRRRRYTLTPARLRWDHFNLTyrILSFPRNLLSPRETRR ALAAAFRMWSDVSPFSFREVAPEQPSDLRIGFYPIINHTDCLVSAHHCFDGP TGELA HAFFPPHGGIHFDDSEYWVLGPTRYSWKKGVWLTDLVHVAAHEIGHALGLMHSQH GRALMHLNATLRGWKALSQDELWGLHRLYGCLDRLFCASWARRGFCDARRRLM

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

KRLCPSSCDFCYEFPFPTVATTPPPRKTTRLVPEGRNVTFRCGQKILHKKGKQVW
YKDQEPLEFSYPGYLALGEAHLIIANAVNEGTYTCVRRQQRVLTTYSWRVRVRG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

MMP23B matrix metalloproteinase 23B [Homo sapiens]

Official Symbol

MMP23B

Synonyms

MMP23B; matrix metalloproteinase 23B; matrix metalloproteinase 23B , MMP22;
matrix metalloproteinase-23; femalysin; matrix metalloproteinase 22; matrix
metalloproteinase in the female reproductive tract; MIFR; MIFR 1; MMP-21; MMP-22;
MMP-23; matrix metalloproteinase-21; matrix metalloproteinase-22; matrix
metalloproteinase 23B; MMP22; MIFR-1; MMP23A;

Gene ID

8510

mRNA Refseq

NM_006983

Protein Refseq

NP_008914

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MIM	603321
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UniProt ID	O75900
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