

Recombinant Human MMP23B Protein, GST-tagged

Cat. No. MMP23B-5428H **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	Wheat Germ
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 ALAAAFRMWSDVSPFSFREVAPEQPSDLRIGFYPIHNTDCLVSALHHCDFGPTGELA HAFFPPHGGIHFDDSEYWVLGPTRYSWKKGVWLTDLVHVAAHEIGHALGLMHSQH GRALMHLNATLRGWKALSQDELWGLHRLYGCLDRLFCASWARRGFCDARRRLM KRLCPSSCDFCYEFPFPTVATTPPPRRTKTRLVPEGRNVTFRCGQKILHKKGKVVW YKDQEPLEFSYPGYLALGEAHLIIANAVNEGTYTCVRRQQRVLTTYSWRVRVRG

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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
MIM	603321

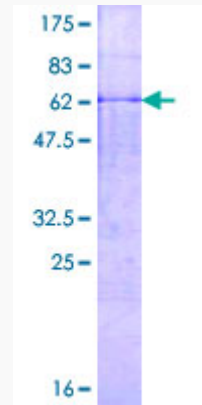
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UniProt ID

O75900

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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