

Recombinant Human MMP23B Protein, His-tagged

Cat. No. MMP23B-210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP23B(Tyr79~Gly390) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr79~Gly390
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	39.8kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

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

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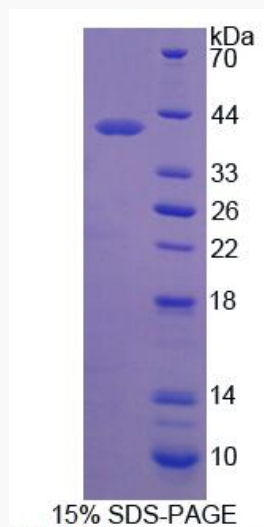
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Protein Refseq NP_008914

MIM 603321

UniProt ID O75900



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