

MMP23B, 79-254aa, Human, His tag, E.coli

Cat.NO.: TP02995

3th Edition

Synonyms:Matrix metalloproteinase 23B, MIFR, MIFR-1, MMP22, MMP23A

Description:MMP23B is 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. Recombinant human MMP23B protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:22.6 kDa (199aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSYTLTPARLRWDHFNLTyrILSFPRNLLSPRETRRALAAAFRMWSDVSPFSFR
EVAPEQPSDLRIGFYPIINHTDCLVSALHHCDFGPTGELAHAFPPHGGIHFDDSEYWVLGPTRYSWKKGWVLTDLV
HVAAHEIGHALGLMHSQHGRALMHLNATLRGWKALSQDELWGLHRLYG

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.