

## 32-2559: MMP23B Recombinant Protein

**Alternative Name :** Matrix Metallopeptidase 23B,MMP23B,MMP22,Matrix Metalloproteinase 23B,Matrix Metalloproteinase 22,Matrix Metalloproteinase In The Female Reproductive Tract,Matrix Metalloproteinase-21,Matrix Metalloproteinase-22,MIFR-1,MMP-21,MMP-22,MMP-23

### Description

Source : Escherichia Coli. MMP23B Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 199 amino acids (79-254) and having a molecular mass of 22.6kDa.MMP23B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Matrix Metallopeptidase 23B (MMP23B) belongs to the matrix metalloproteinase (MMP) family, and it is section of a duplicated region of chromosome 1p36.3. MMP23B is a protease. MMP23B regulates the surface expression of some potassium channels by holding them in the endoplasmic reticulum. Members 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.

### Product Info

**Amount :** 20 µg

**Purification :** Greater than 85% as determined by SDS-PAGE.

**Content :** The MMP23B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSYTLTPAR LRWDHFNLT Y RILSFPRNLL SPRETRRALA AAFRMWSDVS PFSFREVAPE QPSDLRIGFY PINHTDCLVS ALHHCDFGPT GELAHAFPP HGGIHFDDSE YWVLGPTRY S WKKGVWLTDL VHVA AHEIGH ALGLMHSQHG RALMHLNATL RGWKALSQDE LWGLHRLYG.

