

Recombinant human MMP-23B protein

Catalog Number: ATGP2660

PRODUCT INFORMATION

Expression system

E.coli

Domain

79-254aa

UniProt No.

O75900

NCBI Accession No.

NP_008914

Alternative Names

Matrix metalloproteinase-23B, MMP-23, Femalysin, MIFR-1, Matrix metalloproteinase-21, MMP-21, Matrix metalloproteinase-22, MMP-22

PRODUCT SPECIFICATION

Molecular Weight

22.6 kDa (199aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

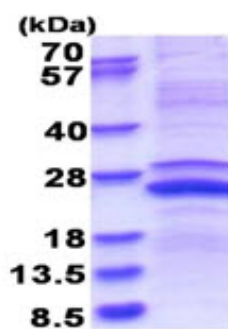
MGSSHHHHHH SGLVPRGSH MGSYTLTPAR LRWDHFNLT Y RILSFPRNLL SPRETRRALA AAFRMWSDVS PFSFREVAPE
QPSDLRIGFY PINHTDCLVS ALHHCDFGPT GELAHAFPP HGGIHFDDSE YWVLGPTRY S WKKGVWLTDL VHVA AHEIGH
ALGLMHSQH G RALMHLNATL RGWKALSQDE LWGLHRLYG

General References

Ohnishi J., et al. (2001) Mol. Endocrinol. 15:747-764
Velasco G., et al. (1999) J. Biol. Chem. 274:4570-4576

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)