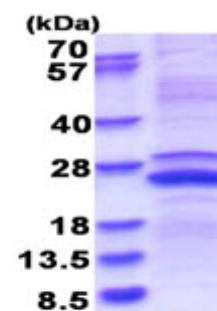


AR51480PU-S

Human MMP-23 (79-254, His-tag) - Purified

Alternate names:	Femalysin, MIFR-1, MMP21, MMP22, MMP23A, MMP23B, Matrix metalloproteinase 21, Matrix metalloprotease 22, Matrix metalloproteinase-23
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	O75900
NCBI:	NP_008914
GeneID:	8510
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Description:	Recombinant human MMP23B protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SGLVPRGSH MGSYTLTPAR LRWDHFNLT Y RILSFPRNLL SPRETRRALA AAFRMWSDVS PFSFREVAPE QPSDLRIGFY PINHTDCLVS ALHHCDFGPT GELAHAFPP HGGIHFDDSE YWVLGPTRY S WKKGVWLTDL VHVAHEIGH ALGLMHSQHG RALMHLNATL RGWKALSQDE LWGLHRLYG Molecular weight: 22.6 kDa (199aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Ohnishi J., et al. (2001) Mol. Endocrinol. 15:747-764 Velasco G., et al. (1999) J. Biol. Chem. 274:4570-4576

Pictures:



15% SDS-PAGE (3ug)