

Datasheet for ABIN7562648

## Matrix Metallopeptidase 23 (MMP23) (AA 1-391) protein (His tag)



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### Overview

Quantity:	1 mg
Target:	Matrix Metallopeptidase 23 (MMP23)
Protein Characteristics:	AA 1-391
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

### Product Details

Purpose:	Custom-made recombinant Mmp23 Protein expressed in mammalian cells.
Sequence:	<p>MGCRACLRPE ASGAVQGRWL GAALSGLCLL SALALLEWLG APTETAWRAA QGNVDAPNVG SSTAQVPRLL TMSVTRRRRY TLTPARLRWD HFNLTYRVLS FPRNLLSPEE TRRGLAAAFR MWSDVSPFSF REVAPERPSD LKIGFYVNH TDCLVSAVHH CFDGPTGELA HAFFPPHGGI HFDDSEYWVL GPTRYSWKKG VWLTNLVHVA AHEIGHALGL MHSQQDQALM HLNATLRGWK ALSQDELWGL HRLYGCLDRI FVCASWARKG FCDVRQRLMK RLCPRSCDFC YEFPPFTVAT TTSPTRTKTR LVREGRNMTF HCGQKILHKK GKVYWYKDQE PLEFSYPGYL ALGEAQLSII ANAVNEGTYT CVVRRHQVRL STYSWRVRVR N <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

## Product Details

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Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

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Target:	Matrix Metalloproteinase 23 (MMP23)
Alternative Name:	Mmp23 ( <a href="#">MMP23 Products</a> )
Background:	Matrix metalloproteinase-23 (MMP-23) (EC 3.4.24.-) (Cysteine array matrix metalloproteinase) (CA-MMP) (CAMP metalloproteinase) [Cleaved into: Matrix metalloproteinase-23, soluble form],FUNCTION: Protease. May regulate the surface expression of some potassium channels by retaining them in the endoplasmic reticulum (By similarity). {ECO:0000250}.
Molecular Weight:	44.5 kDa
UniProt:	<a href="#">O88676</a>

## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months