

Product Information

MemDX™ Membrane Protein Human HTRA2 (HtrA serine peptidase 2) Expressed in *E.coli* for Antibody Discovery, Partial (134-458aa)

Cat. No.: **MPX0794K**

This product is for research use only and is not intended for diagnostic use.

This product is a 36 kDa Human HTRA2 membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

HTRA2

Protein Length

Partial (134-458aa)

Protein Class

Protease

Molecular Weight

36 kDa

TMD

1

Sequence

AVPSPPPASPRSQYNFI
ADVVEKTAPAVVYIEILDRHPFLGREVPISNGSGFVVAADGLIVTNAHV
ADRRRVVRVRLLSGDTYEAVVTAVDPVADIATLRIQTKEPLPTLPLGRSAD
VRQGEFVVMGSPFALQNTITSGIVSSAQRPARDLGLPQTNVEYIQTDA
IDFGNSGGPLVNLDEGIVGNTMKVTAGISFAIPSDRLREFLHRGEKKNS
SSGISGSQRRYIGVMMLTLSPSILAEQLREPSFPDVQHGVLIHKVILGS
PAHRAGLRPGDVILAIGEQMVQNAEDVYEAVRTQSQLAVQIRRGRETTL
YVTPEVTE

Product Description

Activity

Yes

Expression Systems

E.coli

Tag

6xHis tag at the C-terminus

Protein Format

Soluble

Form

Liquid

Purity

>85%, by SDS-PAGE under reducing conditions and visualized by silver stain

Buffer

Supplied as a 0.2 µm filtered solution in HEPES, NaCl, DTT and Glycerol.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

HTRA2

Full Name

HtrA serine peptidase 2

Introduction

This gene encodes a serine protease. The protein has been localized in the endoplasmic reticulum and interacts with an alternatively spliced form of mitogen-activated protein kinase 14. The protein has also been localized to the mitochondria with release to the cytosol following apoptotic stimulus. The protein is thought to induce apoptosis by binding the apoptosis inhibitory protein baculoviral IAP repeat-containing 4. Nuclear localization of this protein has also been observed. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms.

Alternative Names

HTRA2; OMI; MGCA8; PARK13; PRSS25; serine protease HTRA2, mitochondrial; HtrA-like serine protease; Omi stress-regulated endoprotease; epididymis secretory sperm binding protein; high temperature requirement protein A2; protease, serine, 25; serine protease 25; serine proteinase OMI; HtrA serine peptidase 2

Gene ID

[27429](#)

UniProt ID

[O43464](#)