

Product Information

MemDX™ Membrane Protein Human TMPRSS4 (Transmembrane serine protease 4) Full

Length

Cat. No.: **MPC1222K**

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

This product is a 48.2 kDa Human TMPRSS4 membrane protein expressed in HEK293. 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

TMPRSS4

Protein Length

Full length

Protein Class

Protease

Molecular Weight

48.2 kDa

TMD

1

Sequence

MLQDPDSQQLNSLDVKPLRKPRIPMETFRKVGIPIIIIALLSLASIIIV
VLIKVILDKYYFLCGQPLHFIPRKQLCDGELDCPLGEDEEHCVKSFPEGP
AVAVRLSKDRSTLQVLDSATGNWFSACFDNFTEALAEACRQMGYSSKPT
FRAVEIGPDQDLVDVEITENSQELRMRNSSGPCLSGSLVSLHCLACGKSL
KTPRVVGVVEASVDSWPWQVSIQYDKQHVCSSILDPHWLTAAHCFRKH
TDVFNWKVRAGSDKLGSFPSLAVAKIIIEFNPMYPKDNDIALMKLQFPL
TFSGTVRPICLPFFDEELTPATPLWIIGWGFTKQNGGKMSDILLQASVQV
IDSTRCNADDAYQGEVTEKMMCAGIPEGGVDTCQGDSSGGLMYQSDQWHV
VGIVSWGYGCGGPSTPGVYTKVSAYLNWIYNVWKAEL

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

TMPRSS4

Full Name

Transmembrane serine protease 4

Introduction

This gene encodes a member of the serine protease family. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified as a gene overexpressed in pancreatic carcinoma. The encoded protein is membrane bound with a N-terminal anchor sequence and a glycosylated extracellular region containing the serine protease domain. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

TMPRSS4; CAP2; CAPH2; MT-SP2; TMPRSS3; transmembrane protease serine 4; channel-activating protease 2; channel-activating serine protease 2; membrane-type serine protease 2; transmembrane protease, serine 4; transmembrane serine protease 3; type II membrane serine protease; Transmembrane serine protease 4

Gene ID

[56649](#)

UniProt ID

[Q9NRS4](#)