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Product Information

MemDX™ Membrane Protein Human TMPRSS15 (Transmembrane serine protease 15) for Antibody Discovery

Cat. No.: **MP0602J**
This product is for research use only and is not intended for diagnostic use.

This product is a 112.7 kDa Human TMPRSS15 membrane protein expressed in CHO. 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
TMPRSS15

Protein Length
Full-length

Protein Class
Druggable Genome, Transmembrane

Molecular Weight
112.7 kDa

TMD
1

Sequence
LTIKESQRGAALGQSHEARATFKITSGVTYNPNLQDKLSVDFKVLAFDLQQMIDEIFLSSNLKNEYKNSRVLQFENGSIIVVFDLFFAQ
LightChain:IVGGSNAKEGAWPWVVGLYYGGRLLCGASLVSSDWLVSAAHCVYGRNLEPSKWTAILGLHMKSNLTSPQTVPRLIDEI

Product Description

Expression Systems
CHO

Tag
Tag Free

Form
Powder

Endotoxin

< 1 EU/μg

Purity

> 90% as determined by SDS-PAGE and Coomassie blue staining

Buffer

Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer,100mM NaCl, pH 7.2

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

TMPRSS15

Full Name

Transmembrane serine protease 15

Introduction

This gene encodes an enzyme that converts the pancreatic proenzyme trypsinogen to trypsin, which activates other proenzymes including chymotrypsinogen and procarboxypeptidases. The precursor protein is cleaved into two chains that form a heterodimer linked by a disulfide bond. This protein is a member of the trypsin family of peptidases. Mutations in this gene cause enterokinase deficiency, a malabsorption disorder characterized by diarrhea and failure to thrive.

Alternative Names

ENTK; PRSS7

Gene ID

5651

UniProt ID

P98073

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