

Product Information

MemDX™ Membrane Protein Human ADAM10 (ADAM metallopeptidase domain 10)

Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX3963K**

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

This product is a Human ADAM10 membrane protein expressed *in vitro* *E.coli* expression system. 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

ADAM10

Protein Length

Full Length of Mature Protein

Protein Class

Protease

TMD

1

Sequence

TTSAEKNTCQLYIQTDHLFFKYYGTREAVIAQISSHVKAIDTIYQTTDFSGIRNISFMVKRIRINTTADEKDPTNPFRRPNIGVEKFLELN

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

ADAM10

Full Name

ADAM metalloproteinase domain 10

Introduction

Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes an ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin. Alternate splicing results in multiple transcript variants encoding different proteins that may undergo similar processing.

Alternative Names

ADAM10; RAK; kuz; AD10; AD18; MADM; CD156c; CDw156; HsT18717; disintegrin and metalloproteinase domain-containing protein 10; a disintegrin and metalloprotease domain 10; kuzbanian protein homolog; mammalian disintegrin-metalloprotease; ADAM metalloproteinase domain 10

Gene ID

[102](#)

UniProt ID

[O14672](#)