

Product Information

MemDX™ Membrane Protein Human ADA2 (Adenosine deaminase 2) expressed in E. coli for Antibody Discovery

Cat. No.: **MP0021Q**

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

This product is a 56.9 kDa Human ADA2 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

ADA2

Protein Length

Partial

Protein Class

Druggable Genome, Secreted Protein, Transmembrane

Molecular Weight

56.9 kDa

Sequence

IDETRAHLLLKEKMMRLGGRLVLNTKEELANERLMTLTKIAEMKEAMRTLIFPPSMHFFQAKHLIERSQVFNILRMMPKGAALHLHDIG
DSLLRNFTLV TQHPEVIYTN QNVVWSKFET IFFTISGLIH YAPVFRDYVF RSMQEFYEDN VLYMEIRARL LPVYELSGEH HDEEV
AGFDLVGHED TGHSLHDYKE ALMIPAKDGV KLPYFFHAGE TDWQGTSIDR NILDALMLNT TRIGHGFALS KHPAVRTYSW KKD
MGIGGMKADL RTLKQLAMNS IKYSTLLESE KNTFMEIWKK RWDKFIADVA TKLEHHHHHH

Product Description

Expression Systems

E. coli

Tag

His

Form

Powder

Endotoxin

< 1.0 EU per 1 microgram of protein

Purity

>90% by SDS - PAGE

Buffer

Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

Storage

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

Target**Target Protein**

ADA2

Full Name

Adenosine deaminase 2

Introduction

This gene encodes a member of a subfamily of the adenosine deaminase protein family. The encoded protein is one of two adenosine deaminases found in humans, which regulate levels of the signaling molecule, adenosine. The encoded protein is secreted from monocytes undergoing differentiation and may regulate cell proliferation and differentiation. This gene may be responsible for some of the phenotypic features associated with cat eye syndrome. Alternative splicing results in multiple transcript variants.

Alternative Names

ADGF; CECR1; IDGFL; PAN; SNEDS; VAIHS; adenosine deaminase CECR1; cat eye syndrome chromosome region, candidate 1; cat eye syndrome critical region protein 1; Adenosine deaminase 2

Gene ID

[51816](#)

UniProt ID

[Q9NZK5](#)