

Product Information

MemDX™ Membrane Protein Human ARSD (Arylsulfatase D) for Antibody Discovery

Cat. No.: **MP1040J**

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

This product is a 61.2 kDa Human ARSD membrane protein expressed in HEK293T. 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

ARSD

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

61.2 kDa

Sequence

MRSAARRGRAAPAARDSLPVLLFLCLLLKTCEPKTANAFKPNILLIMADDLGTGDLGCGYGNNTLRTPNID
QLAEEGVRLTQHLLAAAPLCTPSRAAFLTGRHSFRSGMDASNGYRALQWNAGSGGLPENETTFARILQQHG
YATGLIGKWHQGVNCASRGDCHHPLNHGFDYFYGMPFTLTNDGDPGRPPEVDAALRAQLWGYTQFLALG
ILTLAAGQTCGFFSVSARAVTGMAGVGCFFISWYSSFGFVRRWNCILMRNHDVTEQPMVLEKTASMLK
EAVSYIERHKHGPFLFLSLLHVHIPLVTTS AFLGKSQHGLYGDNVEEMDWLIGKVLNAIEDNGLKNSTF
TYFTSDHGGHLEARDGHSQ LGGWNGIYKGGKGMGGWEGGIRVPGIFHWPGVLPAGRVIGEPTSLMDVFPT
VVQLVGGEVPQDRVIDGHSLVPLLQGAEARSAHEFLFHYCGQHLHAARWHQKDSGSVWKVHYTTTPQFHPE
GAGACYGRGVCPCSGEGVTHHRPPLLFDLSRDPSEARPLTPDSEPLYHAVIARVGA AVSEHRQTLSPVPQ
QFSMSNILWKPWLQPCCGHFPFC SCHEDGDGTP

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

ARSD

Full Name

Arylsulfatase D

Introduction

The protein encoded by this gene is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. The encoded protein is postranslationally glycosylated and localized to the lysosome. This gene is located within a cluster of similar arylsulfatase genes on chromosome X. A related pseudogene has been identified in the pseudoautosomal region of chromosome Y.

Alternative Names

ASD

Gene ID

[414](#)

UniProt ID

[P51689](#)