

Product Information

MemDX™ Membrane Protein Human ARSL (Arylsulfatase L) for Antibody Discovery

Cat. No.: **MP1081J**

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

This product is a 62.2 kDa Human ARSL 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

ARSL

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

62.2 kDa

Sequence

MLHLHHSCLCFRSWLPAMLAVLLSLAPSASSDISASRPNILLMADDLGIGDVGCYGNNTMRTPNIDRLA
EDGVKLTQHISAASLCTPSRAAFLTGRYPVRSGMVSSIGYRVLQWTGASGGLPTNETTFAKILKEKGYAT
GLIGKWLHGLNCESASDHCHHPLHHGFDHFYGMFPFSLMGDCARWELSEKRVNLEQKLNFLFQVLALVALT
LVAGKLTHLIPVSWMPVIWSALSAVLLASSYFVGALIVHADCFLMRNHTITEQPMCFQRTTPLILQEVA
SFLKRKNKHGPFLLFVSFLHVHIPLITMENFLGKSLHGLYGDNVEEMDWMVGRILDTLDVEGLSNSTLIYF
TSDHGGSLNQLGNTQYGGWNGIYKGGKGMGGWEGGIRVPGIFRWPGVLPAGRVIGEPTSLMDVFPTVVR
LAGGEVPQDRVIDGQDLLPLLLGTAQHSDEFLMHYCERFLHAARWHQRDRGTMWKVHFVTPVFQPEGAG
ACYGRKVCPCFGEKVVHDPPLLFDLSDRDPSETHILTPASEPVFYQVMERVQQAVWEHQRTLSPVPLQLD
RLGNIWRPWLQPCCGPFPLCWCLREDDPQ

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**

ARSL

Full Name

Arylsulfatase L

Introduction

Arylsulfatase E is a member of the sulfatase family. It is glycosylated postranslationally and localized to the golgi apparatus. Sulfatases are essential for the correct composition of bone and cartilage matrix. X-linked chondrodysplasia punctata, a disease characterized by abnormalities in cartilage and bone development, has been linked to mutations in this gene. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on the Y chromosome.

Alternative Names

ASE; CDPX; CDPX1; CDPXR

Gene ID

[415](#)

UniProt ID

[P51690](#)