

Datasheet for ABIN5852963

Arylsulfatase A Protein (ARSA) (AA 21-509) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	Arylsulfatase A (ARSA)
Protein Characteristics:	AA 21-509
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Arylsulfatase A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MGSRPPNIVL IFADDLGYGD LGCYGHPSST TPNLDQLAAG
GLRFTDFYVP VSLCTPSRAA LLTGRLPVRM GMYPGVLVPS SRGGLPLEEV TVAEVLAARG
YLTGMAGKWH LGVGPEGAF LPPHQGFHRFL GIPYSHDQGP CQNLTCFPPA TPCDGGCDQG
LVPIPLLNL SVEAQPWLP GLEARYMAFA HDLMADAQRQ DRPFLLYAS HHTHYPQFSG
QSFAERSGRG PFGDSLME LD AAVGTLMTAI GDLGLLEETL VIFTADNGPE TMRMSRGGCS
GLLRCKGTT YEGGVREPAL AFWPGHIAPG VTHELASSLD LLPTLAALAG APLPNVTLDG
FDLSPLLLGT GKSPRQSLFF YPSYPDEVRG VFAVRTGKYK AHFFTQGSAH SDTTADPACH
ASSSLTAHEP PLLYDLSKDP GENYNLLGGV AGATPEVLQA LKQLQLLKAQ LDAAVTFGPS
QVARGEDPAL QICCHPGCTP RPACCHCPDP HA

Purity: > 85 % by SDS - PAGE

Target Details

Target: Arylsulfatase A (ARSA)

Alternative Name: ARSA ([ARSA Products](#))

Background: ARSA hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death. Alternatively spliced transcript variants have been described for this gene. Recombinant human ARSA protein, fused to His-tag at N-terminus, was expressed in E.coli.

Molecular Weight: 54.3kDa (512aa)

NCBI Accession: [NP_000478](#)

UniProt: [P15289](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

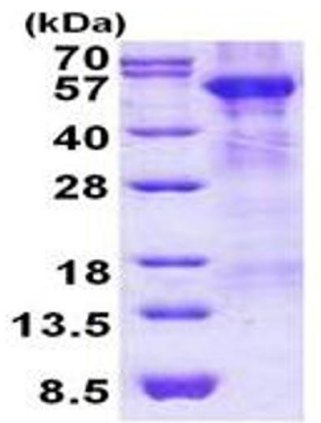
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M uREA, 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.