

Datasheet for ABIN5854724

Arylsulfatase A Protein (ARSA) (AA 18-506) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Arylsulfatase A (ARSA)
Protein Characteristics:	AA 18-506
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Arylsulfatase A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPSPPNILL IFADDLGYGD LGSYGHPSS TPNLDQLAEG GLRFTDFYVP VSLCTPSRAA LLTGRLPVRS GMYPGVLGPS SQGGLPLEEV TLAEVLAARG YLTGMAGKWH LGVGPEGAF PPHQGFHRFL GIPYSHDQGP CQNLTCFPPD IPCKGGCDQG LVPIPLLNL TVEAQPWLP GLEARYVSFS RDLMADAQRQ GRPFLLYAS HHTHYPQFSG QSFTKRSGRG PFGDSLME LD GAVGALMTTV GDLGLLEETL VIFTADNGPE LMRMSNGGCS GLLRCGKGT FEGGVRE PAL VYWPGHITPG VTHELASSLD LLPTLAALTG APLPNVTLDG VDISPLLLGT GKSPR KSVFF YPPYPDEIHG VFAVRNGKYK AHFFTQGS AH SDTTS DPACH AANRLTAHEP PLLYDLSQDP GENYNVLESI EGV SPEALQA LKHIQLLKAQ YDAAMTFGPS QIAKGED PAL QICCCQPSCTP HPVCCHCPGS QSHHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target: Arylsulfatase A (ARSA)

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

Background: Arsa, also known as arylsulfatase A, is a prototype member of the sulfatase family. It is an enzyme that catalyzes the degradation of sulfatides, a glycosphingolipid found in many tissues, but predominantly in myelin and kidney. The serum level of its might be helpful in diagnosis of lung and central nervous system cancer. Recombinant mouse Arsa, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 53.2kDa (498aa) 50-70kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_033843](#)

UniProt: [P50428](#)

Application Details

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

Restrictions: For Research Use only

Handling

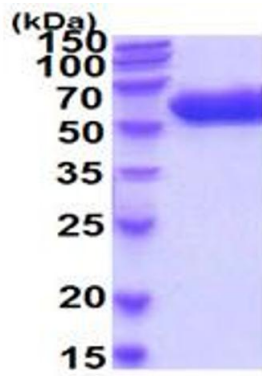
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 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.