

Product datasheet for AR50911PU-N

OriGene Technologies, Inc.

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Arylsulfatase A (21-509, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Arylsulfatase A (21-509, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

GLRFTDFYVP VSLCTPSRAA LLTGRLPVRM GMYPGVLVPS SRGGLPLEEV TVAEVLAARG
YLTGMAGKWH LGVGPEGAFL PPHQGFHRFL GIPYSHDQGP CQNLTCFPPA TPCDGGCDQG
LVPIPLLANL SVEAQPPWLP GLEARYMAFA HDLMADAQRQ DRPFFLYYAS HHTHYPQFSG
QSFAERSGRG PFGDSLMELD AAVGTLMTAI GDLGLLEETL VIFTADNGPE TMRMSRGGCS
GLLRCGKGTT YEGGVREPAL AFWPGHIAPG VTHELASSLD LLPTLAALAG APLPNVTLDG
FDLSPLLLGT GKSPRQSLFF YPSYPDEVRG VFAVRTGKYK AHFFTQGSAH SDTTADPACH
ASSSLTAHEP PLLYDLSKDP GENYNLLGGV AGATPEVLQA LKQLQLLKAQ LDAAVTFGPS

MGSSHHHHHH SSGLVPRGSH MGSRPPNIVL IFADDLGYGD LGCYGHPSST TPNLDQLAAG

QVARGEDPAL QICCHPGCTP RPACCHCPDP HA

Tag: His-tag

Predicted MW: 54.3 kDa

Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Preparation: Liquid purified protein

Protein Description: Recombinant human ARSA protein, fused to His-tag at N-terminus, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 000478

Locus ID: 410

UniProt ID: P15289, A0A0C4DFZ2, B4DVI5



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Cytogenetics: 22q13.33

Synonyms: ASA; MLD

Summary: The protein encoded by this gene hydrolyzes cerebroside sulfate to cerebroside and sulfate.

Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive

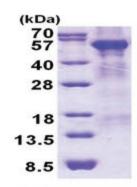
demyelination disease which results in a variety of neurological symptoms and ultimately death. Alternatively spliced transcript variants have been described for this gene. [provided

by RefSeq, Dec 2010]

Protein Families: Druggable Genome

Protein Pathways: Lysosome, Sphingolipid metabolism

Product images:



15% SDS-PAGE (3ug)