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Datasheet for ABIN7318179

Arylsulfatase A Protein (ARSA) (His tag)

Overview

Quantity:	50 µg
Target:	Arylsulfatase A (ARSA)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Arylsulfatase A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Arylsulfatase A/ARSA Protein (His Tag)
Sequence:	Arg19-Ala507
Characteristics:	Recombinant Human Arylsulfatase A is produced by our Mammalian expression system and the target gene encoding Arg19-Ala507 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Arylsulfatase A (ARSA)
Alternative Name:	Arylsulfatase A/ARSA (ARSA Products)
Background:	Background: Arylsulfatase A (ARSA) is a lysosomal enzyme that breaks down Cerebroside 3-Sulfate, a major constituent of the myelin sheet, into Cerebroside and Sulfate. The ARSA deficiency results in Metachromatic Leukodystrophy (MLD), a lysosomal storage disease in the

Target Details

central and peripheral nervous systems with severe and progressive neurological symptoms.
Recombinant Human ARSA corresponds to the ARSA mature peptide and has sulfatase activity.
Synonym: Arylsulfatase A, ASA, Cerebroside-Sulfatase, ARSA

Molecular Weight: 52.9 kDa

UniProt: [P15289](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 7.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.