

Product Name: Recombinant Human ARSA (C-6His)
Catalog #: PHH0103

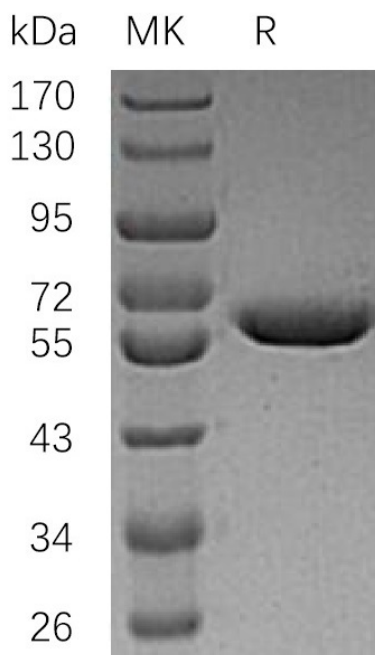


Summary

Name	Arylsulfatase A/ARSA
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	AAH14210.2
Host	Human Cells
Species	Human
Predicted Molecular Mass	52.9 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 300mM NaCl, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Arylsulfatase A; ASA; Cerebroside-Sulfatase; ARSA

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 central and peripheral nervous systems with severe and progressive neurological symptoms. Recombinant Human ARSA corresponds to the ARSA mature peptide and has sulfatase activity.

Note

For Research Use Only , Not for Diagnostic Use.