

Recombinant Human Arylsulfatase A/ARSA Protein(C-6His)

Cat.NO.: TP05136

3th Edition

Synonyms:Arylsulfatase A; ASA; Cerebroside-Sulfatase; ARSA

Description: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.

Form:PBS

Molecular Weight:52.9 kDa

Sequences:Arg19-Ala507

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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