

Recombinant Human ARSA Protein, His-tagged

Cat. No. ARSA-533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARSA(Pro21~ Ser295) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro21~ Ser295
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	33.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

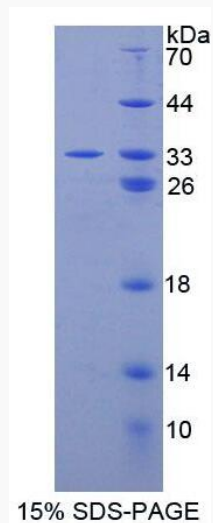
GENE INFORMATION

Gene Name	ARSA arylsulfatase A [Homo sapiens]
Official Symbol	ARSA
Synonyms	ARSA; arylsulfatase A; metachromatic leucodystrophy; ASA; cerebroside-sulfatase; MLD;
Gene ID	410
mRNA Refseq	NM_000487
Protein Refseq	NP_000478
MIM	607574
UniProt ID	P15289

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