

Active Recombinant Human ARSA protein, His tagged

Cat. No. ARSA-2324H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human ARSA protein(NP_000478.2) (Met 1-Ala 507) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-507 aa
Form	Lyophilized from sterile 25mM Tris, 0.15mM NaCl, pH 7.5.
Bio-activity	Measured by its ability to hydrolyze the substrate 4-Nitrocatechol Sulfate (PNCS). The specific activity is >50 pmoles/min/μg.
Molecular Mass	The recombinant human ARSA consists of 500 amino acids and predicts a molecular mass of 53 kDa. as estimated by SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

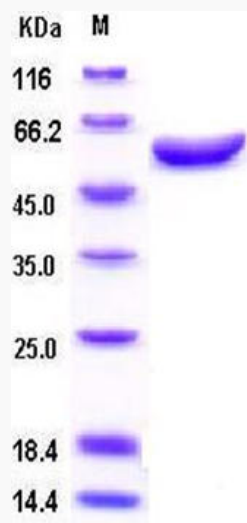
UniProt ID P15289

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SDS-PAGE



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