

Recombinant Human ARSI, His-tagged

Cat. No. ARSI-9903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARSI protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	220-569a.a.
Description	Sulfatases (EC 3.1.5.6), such as ARSI, hydrolyze sulfate esters from sulfated steroids, carbohydrates, proteoglycans, and glycolipids. They are involved in hormone biosynthesis, modulation of cell signaling, and degradation of macromolecules (Sardiello et al., 2005 [PubMed 16174644]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	ARSI arylsulfatase family, member I [Homo sapiens]
Official Symbol	ARSI

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Synonyms	ARSI; arylsulfatase family, member I; arylsulfatase I; FLJ16069; ASI;
Gene ID	340075
mRNA Refseq	NM_001012301
Protein Refseq	NP_001012301
MIM	610009
UniProt ID	Q5FYB1
Chromosome Location	5q32
Function	arylsulfatase activity; hydrolase activity; metal ion binding;

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