

## Recombinant Human ARSI, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ARSI protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	220-569a.a.
<b>Description</b>	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]).
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

### GENE INFORMATION

<b>Gene Name</b>	ARSI arylsulfatase family, member I [ Homo sapiens ]
<b>Official Symbol</b>	ARSI

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Synonyms</b>	ARSI; arylsulfatase family, member I; arylsulfatase I; FLJ16069; ASI;
<b>Gene ID</b>	<a href="#">340075</a>
<b>mRNA Refseq</b>	<a href="#">NM_001012301</a>
<b>Protein Refseq</b>	<a href="#">NP_001012301</a>
<b>MIM</b>	<a href="#">610009</a>
<b>UniProt ID</b>	<a href="#">Q5FYB1</a>
<b>Chromosome Location</b>	5q32
<b>Function</b>	arylsulfatase activity; hydrolase activity; metal ion binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA