

Recombinant Human ARSH protein, GST-tagged

Cat. No. ARSH-866H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARSH full-length ORF (AAI53086.1, 1 a.a. - 562 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Sulfatases, such as ARSH, 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]).[supplied by OMIM, Mar 2008]
Molecular Mass	88.77 kDa
AA Sequence	MTRNARPNIVLLMADDLGVGDLCCYGNNVSTPNIDRLASEGVRLTQHLLAAASMCT PSRAAFLTGRYPISGMVSAYNLNRAFTWLGGSGGLPTNETTFAKLLQHRGYRTGLI GKWHLGLSCASRNDHCYHPLNHGFHYFYGVFPGLLSDCQASKTPELHRWLRIKLWI STVALALVPFLLLIPKFARWFSVPWKVIFVFALLAFLFFTSWYSSYGFTRRWNCILMR NHEIIQQPMKEEKVASLMLKEALAFIERYKREPFLFFSFLHVHTPLISKKKFVGRSKY GRYGDNVEEMDWMVGKILDALDQERLANHTLVYFTSDNGGHLEPLDGAVQLGGW NGIYKGGKGMGGWEGGIRVPGIFRWPSVLEAGRVINEPTSLMDIYPTLSYIGGGILS QDRVIDGQNLMPILLEGRASHSDHEFLFHYCGVYLHTVRWHQKDCATVWKAHYVTP KFYPEGTGACYGSGICSCSGDVTYHDPPLLFDISRDPSEALPLNPDNEPLFDSVIKK MEAAIREHRRTLTPVPQQFSVENTIWKPWLQPCCGTFPFCGCDKEDDILPMAP

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

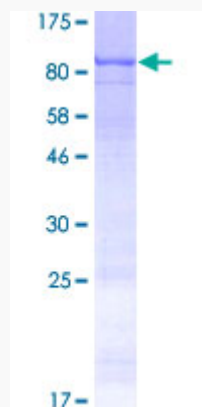
GENE INFORMATION

Gene Name	ARSH arylsulfatase family, member H [Homo sapiens]
Official Symbol	ARSH
Synonyms	ARSH; arylsulfatase family, member H; arylsulfatase H; ASH; sulfatase;
Gene ID	347527
mRNA Refseq	NM_001011719
Protein Refseq	NP_001011719
MIM	300586
UniProt ID	Q5FYA8

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12.5% SDS-PAGE Stained with Coomassie Blue.

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