

Recombinant Full Length Human ARSH Protein, GST-tagged

Cat. No. ARSH-1306HF **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	In Vitro Cell Free System
ProteinLength	562 amino acids
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	MTRNARPNIV LLMADDLGVG DLCCYGNN SV STPNIDRLAS EGVRLTQH LA AASMCTPSRA AFLTGRYP IR SGMVSAYNLN RAFTWLGGSG GLPTNETTFA KLLQHRGYRT GLIGKWHLGL SCASRNDHCY HPLNHGFHYF YGVFPGLLSD CQASKTPELH RWLRIKLWIS TVALALVPFL LLIPKFARWF SVPWKVIFVF ALLAFLFFTS WYSSYGFT RR WNCILMRNHE IIQPMKEEK VASLMLKEAL AFIERYKREP FLLFFSFLHV HTPLISKKKF VGRSKYGRYG DNVEEMDWMV GKILDALDQE RLANHTLVYF TSDNGGHLEP LDGAVQLGGW NGIYKGGKGM GGWEGGIRVP GIFRWPSVLE AGRVINEPTS LMDIYPTLSY IGGGILSQDR VIDGQNL MPL LEGRASHSDH EFLFHYCGVY LHTVRWHQKD CATVWKAHYV

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TPKFYPEGTG ACYGSGICSC SGDVTYHDPP LLFDISRDPS EALPLNPDNE
PLFDSVIKKM EAAIREHRRT LTPVPQQFSV FNTIWKPWLQ PCCGTFFPCG
CDKEDDILPM AP

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

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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