

Recombinant Full Length Human ARSF Protein, GST-tagged

Cat. No. ARSF-1017HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARSF full-length ORF (NP_004033.2, 1 a.a. - 590 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	590 amino acids
Description	This gene is a member of the sulfatase family, and more specifically, the arylsulfatase subfamily. Members of the subfamily share similarity in sequence and splice sites, and are clustered together on chromosome X, suggesting that they are derived from recent gene duplication events. Sulfatases are essential for the correct composition of bone and cartilage matrix. The activity of this protein, unlike that of arylsulfatase E, is not inhibited by warfarin. Multiple alternatively spliced variants, encoding the same protein, have been identified.[provided by RefSeq, Jan 2011]
Molecular Mass	92.3 kDa
AA Sequence	MRPRRPLVFM SLVCALLNTC QAHRVHDDKP NIVLIMVDDL GIGDLGICYGN DTMRTPHIDR LAREGVRLTQ HISAASLCSP SRSAFLTGRY PIRSGMVSSG NRRVIQNLAV PAGLPLNETT LAALLKKQGY STGLIGKWHQ GLNCDSRSDQ CHHPYNYGFD YYYGMPFTLV DSCWPDPSRN TELAFESQLW LCVQLVAIAI LTLTFGKLSG WWSVPWLLIF SMILFIFLLG YAWFSSHTSP LYWDCLLMRG HEITEQPMKA ERAGSIMVKE AISFLERHSK ETFLFFSFL HVHTPLPTTD

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DFTGTSKHGL YGDNVEEMDS MVGKILDAID DFGLRNNTLV YFTSDHGGHL
 EARRGHAQLG GWNGIYKGGK GMGGWEGGIR VPGIVRWPGK VPAGRLIKEP
 TSLMDILPTV ASVSGGSLPQ DRVIDGRDLM PLLQGNVRHS EHEFLFHYCG
 SYLHAVRWIP KDDSGSVWKA HYVTPVFQPP ASGGCYVTSL CRCFGEQVTY
 HNPPLFDLS RDPSESTPLT PATEPLHDFV IKKVANALKE HQETIVPTY
 QLSELNQGRT WLKPCCGVFP FCLCDKEEEV SQPRGPNEKR

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

[ARSF arylsulfatase F \[Homo sapiens \]](#)

Official Symbol

[ARSF](#)

Synonyms

ARSF; arylsulfatase F; ASF

Gene ID

[416](#)

mRNA Refseq

[NM_001201538](#)

Protein Refseq

[NP_001188467](#)

MIM

[300003](#)

UniProt ID

[P54793](#)

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