

Recombinant Human ARSF protein, GST-tagged

Cat. No. ARSF-864H **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	Wheat Germ
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	MRPRRPLVFMSLVCALLNTCQAHRVHDDKPNIVLIMVDDLIGDLGICYGNNDTMRTP HIDRLAREGVRLTQHISAASLCSPSRSAFLTGRYPPIRSGMVSSGNRRVIQNLAVPAGL PLNETTLAALLKKQGYSTGLIGKWHQGLNCDSDQCHHPYNYGFDYYYGMPFTLV DSCWPDPSRNTELAFESQLWLCVQLVAIAILTLTFGKLSGWVSVPWLLIFSMILFILL GYAWFSSHTSPLYWDCLLMRGHEITEQPMKAERAGSIMVKEAISFLERHSKETFLLF FSFLHVHTPLPTTDDFTGTSKHGLYGDNVEEMDSMVGKILDAIDDFGLRNNTLVYFT SDHGGHLEARRGHAQLGGWNGIYKGGKGMGGWEGGIRVPGIVRWPGKVPAGRLI

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

KEPTSLMDILPTVASVSGGSLPQDRVIDGRDLMPLLQGNVRHSEHEFLFHYCGSYLH
AVRWIPKDDSGSVWKAHYVTPVFQPPASGGCYVTSLCRCFGEQVTYHNPPLFDLS
RDPSESTPLTPATEPLHDFVIKKVANALKEHQETIVPVTYQLSELNQGRTWLKPCCG
VFPFCLCDKEEEVSQPRGPNEKR

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

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

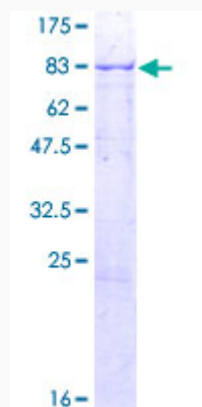
UniProt ID

P54793

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12.5% SDS-PAGE Stained with Coomassie Blue.

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