

Recombinant Human ARSE protein, GST-tagged

Cat. No. ARSE-863H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARSE full-length ORF (BAG35917.1, 1 a.a. - 589 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Arylsulfatase E is a member of the sulfatase family. It is glycosylated postranslationally and localized to the golgi apparatus. Sulfatases are essential for the correct composition of bone and cartilage matrix. X-linked chondrodysplasia punctata, a disease characterized by abnormalities in cartilage and bone development, has been linked to mutations in this gene. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on the Y chromosome. [provided by RefSeq, Sep 2013]
Molecular Mass	92.1 kDa
AA Sequence	MLHLHHSCLCFRSWLPAMLA VLLSLAPSASSDISASRPNI LL MADDLGIGDIGCYGN NTMRTPNIDRLAEDGVKLTQHISAASLCTPSRAAFLTGRYPVRS GMVSSIGYRVLQW TGASGGPPTNETTFAKILKEKGYATGLIGKWHLGLNCESASDHCHHPLHHGFDHFY GMPFSLMGDCARWELSEKRVNLEQKLNFLFQVLALVALTLVAGKLTHLIPVSWMPVI WSALSAVLL LASSYFVGALIVHADCF LMRNHTITEQPMCFQRTT PLILQEVASFLKRN KHGPFLLFVSFLHVHIPLITMENFLGKSLHGLYGDNVEEMDWMVGRILD TL DVEGLS NSTLIYFTSDHGG SLENQLGNTQYGGWNGIYKGGKGMGGWEGGIRVPGIFRWPGV

 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

LPAGRVIGEPTSLMDVFPTVVRLADSEVPQDRVIDGQDLLPLLLGTAQHSDHEFLMH
 YCERFLHAARWHQRDRGTMWKVHFVTPVFQPEGAGACYGRKVCPCFGEKVVHHD
 PPLLFDLSDPSETHILTPASEPVFYQVMERVQQAVWEHQRTLSPVPLQLDRLGNIW
 RPWLQPCCGPFPLCWCLREDDPQ

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

ARSE arylsulfatase E (chondrodysplasia punctata 1) [Homo sapiens]

Official Symbol

ARSE

Synonyms

ARSE; arylsulfatase E (chondrodysplasia punctata 1); CDPX, CDPX1; arylsulfatase E; chondrodysplasia punctata 1; ASE; CDPX; CDPX1; CDPXR; MGC163310;

Gene ID

415

mRNA Refseq

NM_000047

Protein Refseq

NP_000038

MIM

300180

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UniProt ID

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