

Full-Length

ARSE (Human) Recombinant Protein (P01)

Catalog # H00000415-P01

Size 50 ug

Specification

Product Description	Human ARSE full-length ORF (BAG35917.1, 1 a.a. - 589 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLHLHHSCLCFRSWLPAMLAVLLSLAPSASSDISASRPNILLMADDLGIGDIGCYGNNTMRTPNID RLAEDGVKLTQHISAASLCTPSRAAFLTGRYPVRSGMVSSIGYRVLQWTGASGGPPTNETTFAKIL KEKGYATGLIGKWHLGLNCESASDHCHHPLHHGFDHFYGMPPSLMGDCARWELSEKRVNLEQK LNFLFQVLALVALTLVAGKLTHLIPVSWMPVWSALSAVLLASSYFVGALVHADCFLMRNHTITEQ PMCFQRTTPLILQEVASFLKRNKHGPFLLFVSFLHVHIPLITMENFLGKSLHGLYGDNVEEMDWMV GRILDTLDVEGLSNSTLIYFTSDHGGSLLENQLGNTQYGGWNGIYKGGKGMGGWEGGIRVPGIFRW PGVLPAGRVIGEPTSLMDVFPTTVRLADSEVPQDRVIDGQDLLPLLLGTAQHSDHEFLMHYCERF LHAARWHQRDRGTMWKVHFVTPVFQPEGAGACYGRKVCPCFGEKVVHHDPPLLFDLSRDPSE THILTPASEPVFYQVMERVQQAVWEHQRTLSPVPLQLDRLGNWRPWLQPCCGPFLCWCLRE DDPQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	92.1
Interspecies Antigen Sequence	Rat (55)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ARSE

Entrez GeneID [415](#)

GeneBank Accession# [AK313093.1](#)

Protein Accession# [BAG35917.1](#)

Gene Name ARSE

Gene Alias CDPX, CDPX1, CDPXR, MGC163310

Gene Description arylsulfatase E (chondrodysplasia punctata 1)

Omim ID [300180](#) [302950](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000022851|arylsulfatase E|chondrodysplasia punctata 1