

Recombinant Human ARSE, His-tagged

ARSE-3661H Human

Lot. No. (See product label)

Specification

Product Overview Arylsulfatase E (ARSE)

Description Arylsulfatase E is a member of the sulfatase family. It is glycosylated postrationally 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.

Source E. Coli or Yeast

Species Human

Tag His

Form This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Protein length 589

Purity >90%

Notes Small volumes of ARSE recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.

Storage Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

Storage Buffer PBS pH 7.4, 50% glycerol

Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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](#)

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

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: info@creative-biomart.com

www.creativebiomart.net

MIM [300180](#)

UniProt ID [P51690](#)

**Chromosome
Location** Xp22.33

Function arylsulfatase activity; hydrolase activity; metal ion binding;

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