

Recombinant Human ARSE protein, His-tagged

Cat. No. ARSE-7878H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARSE protein(524-567 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	524-567 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	HILTPASEPVFYQVMERVQQAVWEHQRTLSPVPLQLDRLGNIWR
Purity	85%, by SDS-PAGE.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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;
mRNA Refseq	NM_000047
Protein Refseq	NP_000038
MIM	300180
UniProt ID	P51690
Gene ID	415

SDS-PAGE



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