

Recombinant Human ARSE Protein, MYC/DDK-tagged

Cat. No. ARSE-2824H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARSE protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	62.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	ARSE arylsulfatase E (chondrodysplasia punctata 1) [Homo sapiens]
Official Symbol	ARSE
Synonyms	ASE; CDPX; CDPX1; CDPXR
Gene ID	415
mRNA Refseq	NM_000047
Protein Refseq	NP_000038
MIM	300180
UniProt ID	P51690

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