Recombinant Human ARSF Protein, His-tagged

ARSF-532H Human
Lot. No. (See product label)

Specification

Product Overview	Recombinant Human ARSF(His23~Asp300) fused with His tag at N-terminal was expressed in E. coli.
Description	This gene is a member of the sulfatase family, and more specifically, the arylsulfatase subfamily. Members of the subfamily share similarity in sequence and splice sites, and are clustered together on chromosome X, suggesting that they are derived from recent gene duplication events. Sulfatases are essential for the correct composition of bone and cartilage matrix. The activity of this protein, unlike that of arylsulfatase E, is not inhibited by warfarin. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Source	E. coli
Species	Human
Tag	His
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	35.1kDa
Protein length	His23~Asp300
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

Gene Information

Gene Name	ARSF arylsulfatase F [Homo sapiens]
Official Symbol	ARSF

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Synonyms	ARSF; arylsulfatase F; ASF;
Gene ID	416
mRNA Refseq	NM_001201538
Protein Refseq	NP_001188467
MIM	300003
UniProt ID	P54793

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