



# Recombinant Human Arylsulfatase B (ARSB)

<b>Product Code</b>	CSB-MP002142HU
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P15848
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SGAGASRPPHLVFLADDLGVNDVGFHGSRI RTPHLDALAAGGVLLDNYTQ PLCTPSRSQLLTGRYQIRTGLQHQIWPQCQPCVPLDEKLLPQLLKEAGYTTHM VGKWHLGMRYRKECLPTRRGFDTYFGYLLGSEDIYSSHERCTLIDALNVTRCAL DFRDGEEVATGYKNMYSTNIFTKRAIALITNHPPEKPLFLYLALQSVHEPLQVPE EYLKPYDFIQDKNRHHYAGMVSLMDEAVGNVTAALKSSGLWNNTVFIFSTDN GGQTLAGGNNWPLRGRKWSLWEGGVRGVGFVSPLLKQKGVKNRELIHISD WLPTLVKLARGHTNGTKPLDGFVWKTISEGSPSPRIELLHNIDPNFVDSSPCP RNSMAPAKDDSSLPEYSAFNTSVHAAIRHGNWLLTGYPGCGYWFPPPSQY NVSEIPSSDPPTKTLWLFDIRDPEERHDLSREYPHIVTKLLSRLQFYHKHSVP VYFPAQDPRCDPKATGVWGPWM
<b>Research Area</b>	Cancer
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ARSB
<b>Expression Region</b>	37-533aa
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	Arylsulfatase B encoded by this gene belongs to the sulfatase family. The arylsulfatase B homodimer hydrolyzes sulfate groups of N-Acetyl-D-galactosamine, chondroitin sulfate, and dermatan sulfate. The protein is targeted to the lysosome. Mucopolysaccharidosis type VI is an autosomal recessive lysosomal storage disorder resulting from a deficiency of arylsulfatase B. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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