



Recombinant Human Arylsulfatase D (ARSD)

Product Code	CSB-EP002144HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P51689
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	KTANAFK PNILLIMADD LGTGDLCY G NNTLRTPNID QLAE EGVRLT QH LAAAPLCT PSRAAFLTGR H SFRSGMDAS NGYRALQWNA GSGGLPENET TFARILQQHG YATGLIGKWH QGVNCASRGD HCHHPLNHGF DYFYGMPFTL TND CDPGRPP EVDAALRAQL WGYTQFLALG ILTLAAGQTC GFFSVSARAV TGMAGVGCLF FISWYSSFGF VRRWNCILMR NHDVTEQPMV LEKTASLMLK EAVSYIERHK HGPFLFLSL LHVHIPLVTT SAFLGKSQHG LYGDNVEEMD WLGKVLNAI EDNGLKNSTF TYFTSDHGGH LEARDGHSQ L GGWNGIYKGG KGMGGWEGGI RVP GIFHWPG VLPAGRVIGE P TSLMDVFPT VVQLVGGEVP QDRVIDGHSL VPLLQGAEAR SAHEFLFHYC GQHLHAARWH QKDSG SVWKV HYTTPQFHPE GAGACYGRGV CPCSGEGVTH HRP L LFDLS RDPSEARPLT PDSEPLYHAV IARVGA AVSE HRQTLSPVPQ QFSMSNILWK PWLQPCCGHF PFCSCHEDGD GTP
Source	E.coli
Target Names	ARSD
Protein Names	Recommended name: Arylsulfatase D Short name= ASD EC= 3.1.6.-
Expression Region	34-593
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is a member of the sulfatase family. Sulfatases are essential for the correct composition of bone and cartilage matrix. This encoded protein is postrationally glycosylated and localized to the lysosome. Two transcript variants encoding different isoforms have been found for this gene.
Reconstitution	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.
Shelf Life	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.