



# Recombinant Human Arylsulfatase D (ARSD)

<b>Product Code</b>	CSB-MP002144HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P51689
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	KTANAFK PNILLIMADD LGTGDLCYGY NNTLRTPNID QLAEEGVRLT QHLLAAPLCT PSRAAFLTGR HSFRRSGMDAS NGYRALQWNA GSGGLPENET TFARILQQHG YATGLIGKWH QGVNCASRGD HCHHPLNHGF DYFYGMPFTL TNDGDPGRPP EVDAALRAQL WGYTQFLALG ILTLAAGQTC GFFSVSARAV TGMAGVGCLF FISWYSSFGF VRRWNCILMR NHDVTEQPMV LEKTASLMLK EAVSYIERHK HGPFLFLSL LHVHIPLVTT SAFLGKSQHG LYGDNVEEMD WLGKVLNAI EDNGLKNSTF TYFTSDHGGH LEARDGHSQ LGGWNGIYKGG KGMGGWEGGI RVPGIFHWPG VLPAGRVIGE PTSLMDVFPT VVQLVGGEVP QDRVIDGHSL VPLLQGAEAR SAHEFLFHYC GQHLHAARWH QKDSGGSVWKV HYTTPQFHPE GAGACYGRGV CPCSSEGVTH HRPPLFDLS RDPSEARPLT PDSEPLYHAV IARVGA AVSE HRQTLSPVPQ QFSMSNILWK PWLQPCCGHF PFCSCHEDGD GTP
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ARSD
<b>Protein Names</b>	Recommended name: Arylsulfatase D Short name= ASD EC= 3.1.6.-
<b>Expression Region</b>	34-593
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<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>	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.
<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. 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.