

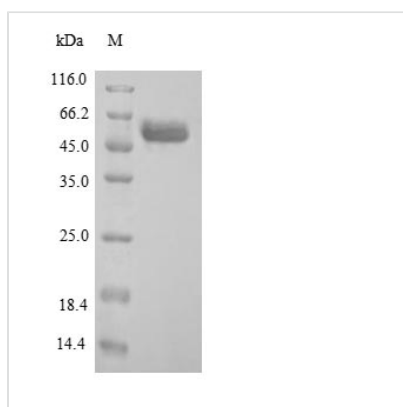


Recombinant Human Arylsulfatase B(ARSB)

Product Code	CSB-YP002142HU
Relevance	Roves sulfate groups from chondroitin-4-sulfate (C4S) and regulates its degradation . Involved in the regulation of cell adhesion, cell migration and invasion in colonic epithelium . In the central nervous syst, is a regulator of neurite outgrowth and neuronal plasticity, acting through the control of sulfate glycosaminoglycans and neurocan levels .
Storage	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.
Uniprot No.	P15848
Storage Buffer	Tris-based buffer,50% glycerol
Alias	N-acetylgalactosamine-4-sulfatase ;G4S
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SGAGASRPPHLVFLADDLGWNDVGFHGSRI RTPHLDALAAGGVLLDNYTQ PLCTPSRSQLLTGRYQIRTGLQH QIIWPCQPSCVPLDEKLLPQLLKEAGYTTHM VGKWHLGMYRKECLPTRRGFDTYFGYLLGSEDYYSHERCTLIDALNVTRCAL DFRDGEEVATGYKNMYSTNIFTKRAIALITNHPPEKPLFLYLALQSVHEPLQVPE EYLKPYDFIQDKNRHHYAGMVSLMDEAVGNVTAALKSSGLWNNTVFIFSTDN GGQTLAGGNNWPLRGRKWSLWEGGVRGVGFVASPLLKQKGVKNRELIHISD WLPTLVKLARGHTNGTKPLDGFVDVWKTISEGSPSPRIELLHNIDPNFVDSSPCP RNSMAPAKDDSSLPEYSAFNTSVHAAIRHGNWKL LTGYPGCGYWFP PPSQY NVSEIPSSDPPTKTLWLFDIRDPEERHDLSREYPHIVTKLLSRLQFYHKHSVP VYFPAQDPRCDPKATGVWGPWM
Research Area	Cancer
Source	Yeast
Gene Names	ARSB
Protein Names	Recommended name: Arylsulfatase B Short name= ASB EC= 3.1.6.12 Alternative name(s): N-acetylgalactosamine-4-sulfatase Short name= G4S
Expression Region	37-533aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	58.0kDa
Protein Description	Full Length of Mature Protein



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.