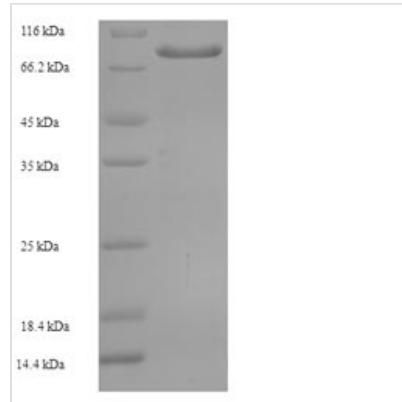




Recombinant Human Arylsulfatase G (ARSG)

Product Code	CSB-EP002150HU
Relevance	Displays arylsulfatase activity at acidic pH with pseudosubstrates, such as p-nitrocatechol sulfate and also, but with lower activity, p-nitrophenyl sulfate and 4-methylumbelliferyl sulfate.
Abbreviation	Recombinant Human ARSG protein
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.	Q96EG1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GFLYPLVDFCISGKTRGQKPNFVILADDMGWGD LGANWAETKDTANLDKMAS EGMRFVDFHAAASTCSPSRASLLTGRLGLRNGVTRNFAVTSVGGGLPLNETTLA EVLQQAGYVTGIIGKWHLGHGHSYHPNFRGFDYYFGIPYSHDMGCTDTPGYN HPPCPACPQGDGPSRNLQRDCYTDVALPLYENLNIVEQPVNLSLAQKYAEK ATQFIQRASTSGRPFLLYVALAHMHVPLPVTQLPAAPRGRSLYGAGLWEMDSL VGQIKDKVDHTVKENTFLWFTGDNGPWAQKCELAGSVGPFTGFWQTRQGS PAKQTTWEGGHRVPALAYWPGRVPVNVSTALLSVLDIFPTVVALAQASLPQG RRFDGVDVSEVLFGRSQPGHRVLFHPNSGAAGEFGALQTVRLERYKAFYITG GARACDGSTGPELQHKFPLIFNLEDDTAEAVPLERGGAEYQAVLPEVRKVLAD VLQDIANDNISSADYTDPSVTPCCNPYQIACRCQAA
Research Area	Tags & Cell Markers
Source	E.coli
Target Names	ARSG
Expression Region	17-525aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	71.3kDa
Protein Length	Full Length of Mature Protein
Image	



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

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.