

Recombinant Human ARSG protein, His-SUMO-tagged

Cat. No. ARSG-2552H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARSG protein(Q96EG1)(17-525aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	17-525aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	71.3 kDa
AA Sequence	GFLYPLVDFCISGKTRGQKPNFVILADDMGWGDLGANWAETKDTANLDKMASEGM RFVDFHAAASTCSPSRASLLTGRLGLRNGVTRNFAVTSVGGLPLNETTLAEVLQQA GYVTGIIGKWHLGHHSYHPNFRGFDYYFGIPYSHDMGCTDTPGYNHPPCPACPQ GDGPSRNLQRDCYTDVALPLYENLNIVEQPVNLSSLAQKYAEKATQFIQRASTSGRP FLLYVALAHMHVPLPVTQLPAAPRGRSLYGAGLWEMDSLVGQIKDKVDHTVKENTF LWFTGDNGPWAQKCELAGSVGPFTGFWQTRQGGSPAKQTTWEGGHRVPALAYW PGRVPVNVSTALLSVLDIFPTVVALAQASLPQGRRFDGVDVSEVLFGRSQPGHRVL FHPNSGAAGEFGALQTVRLERYKAFYITGGARACDGSTGPELQHKFPLIFNLEDDTA EAVPLERGGAEYQAVLPEVRKVLADVLDQDIANDNISSADYTQDPSVTPCCNPYQIAC

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	RCQAA
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	ARSG arylsulfatase G [Homo sapiens]
Official Symbol	ARSG
Synonyms	ARSG; arylsulfatase G; KIAA1001; ASG;
Gene ID	22901
mRNA Refseq	NM_014960
Protein Refseq	NP_055775
MIM	610008
UniProt ID	Q96EG1

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