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ARSG, 17-525aa, Human, His tag, E.coli

产品货号: TP01238

第三版

别名:Arylsulfatase G, Arylsulfatase G

描述:ARSG belongs to the sulfatase enzyme family. Sulfatases hydrolyze sulfate esters from sulfated steroids, carbohydrates, proteoglycans, and glycolipids. They are involved in hormone biosynthesis, modulation of cell signaling, and degradation of macromolecules. This protein displays arylsulfatase activity at acidic pH, as is typical of lysosomal sulfatases, and has been shown to localize in the lysosomes. Alternatively spliced transcript variants have been found for this gene. Recombinant human ARSG protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量:57kDa (532aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSGFLYPLVDFCISGKTRGQKPNFVILADDMGWGDLGANWAETKDTANLDKMASE
GMRFVDFHAAASTCSPSRASLLTGRLGLRNGVTRNFVTSVGGGLPLNETTLAEVLQQAGYVTGIIGKWHLGHHGSYHPN
FRGFDYYFGIPYSHDMGCTDTPGYNHPPCPACPDGQDGP SRNLQRDCYTDVALPLYENLNIVEQPVNLSLAQKYAEKAT
QFIQRASTSGRPFLLYVALAHMHVPLPVTQLPAAPRGRSLYAGLWEMDSL VGQIKDKVDHTVKENTFLWFTGDNGPW
AQKCELAGSVGPFTGFWQTRQGGSPAKQTTWEGGHRVPALAYWPGRVPVNVSTALLSVLDIFPTVVALAQASLPQGR
RFDGVDVSEVLFGRSQPGHRVLFHPNSGAAGEFGALQTVRLERYKAFYITGGARACD GSTGPELQHKFPLIFNLEDDTAEA
VPLERGGAEYQAVLPEVRKVLADVLQDIANDNISSADYTQDPSVTPCCNPYQIACRCQAA

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.