

RPPB1414

Product Information Protein Information

Product SKU:

RPPB1414

Accession:

Q96EG1

Host:

Escherichia Coli.

Protein description:

ARSG Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 532 amino acids (17-525) and having a molecular mass of 57kDa. ARSG is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Arylsulfatase G, ASG, ARSG, KIAA1001, UNQ839/PRO1777.

Formulation:

The ARSG solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MSGFLYPLV DFCISGKTRG QKPNFVILA DDMGWGDLGA NWAETKDTAN
LDKMASEGMR FVDFHAAAST CSPSRASLLT GRLGLRNGVT RNFAVTSVGG LPLNETTLAE VLQQAGYVTG
IIGKWHLGHH GSYHPNFRGF DYYFGIPYSH DMGCTDTPGY NHPPCPACPQ GDGPSRNLQR DCYTDVALPL
YENLNIVEQP VNLSSLAQKY AEKATQFIQR ASTSGRPFL YVALAHMHVP LPVTQLPAAP RGRSLYGAGL
WEMDSL VGQI KDKVDHTVKE NTFLWFTGDN GPWAQKCELA GSVGPF TGFV QTRQGGSPAK QTTWEGGHRV
PALAYWPGRV PVNVTSTALL SVLDIFPTV ALAQASLPQG RRFDGVDVSE VLFGRSQPGH RVL FHPNSGA
AGEFGALQTV RLERYKAFYI TGGARACDGS TGPELQHKFP LIFNLEDDTA EAVPLERGGGA EYQAVLPEVR
KVLADVLQDI ANDNISSADY TQDPSVTPCC NPYQIACRCQ AA.