

Recombinant Full Length Human ARSK Protein, GST-tagged

Cat. No. ARSK-1386HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARSK full-length ORF (NP_937793.1, 1 a.a. - 536 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	536 amino acids
Description	Sulfatases (EC 3.1.5.6), such as ARSK, hydrolyze sulfate esters from sulfated steroids, carbohydrates, proteoglycans, and glycolipids. They are involved in hormone biosynthesis, modulation of cell signaling, and degradation of macromolecules (Sardiello et al., 2005 [PubMed 16174644]).[supplied by OMIM, Mar 2008]
Molecular Mass	87.9 kDa
AA Sequence	MLLLWVSVVA ALALAVLAPG AGEQRRRAAK APNVVLVSD SFDGRLTFHP GSQVVKLPFI NFMKTRGTSF LNAYTNSPIC CPSRAAMWSG LFTHLTESWN NFKGLDPNYT TWMDVMERHG YRTQKFGKLD YTSGHHSISN RVEAWTRDVA FLLRQEGRPM VNLIRNRTKV RVMERDWQNT DKAVNWLRKE AINYTEPFVI YLGLNLPHPY PSPSSGENFG SSTFHTSLYW LEKVSHDAIK IPKWSPLSEM HPVDYYSSYT KNCTGRFTKK EIKNIRAFYY AMCAETDAML GEILALHQL DLLQKTIVIIY SSDHGELAME HRQFYKMSMY EASAHVPLLM MGPGIKAGLQ VSNVSLVDI YPTMLDIAGI PLPQNLSGYS LLPLSSETFK NEHKVKNLHP

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PWILSEFHGC NVNASTYMLR TNHWKYIAYS DGASILPQLF DLSSDPDELT
 NVAVKFPEIT YSLDQKLHSI INYPKVSASV HQYNKEQFIK WKQSIGQNYS
 NVIANLRWHQ DWQKEPRKYE NAIDQWLKTH MNPRAV

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ARSK arylsulfatase family, member K [Homo sapiens]

Official Symbol

ARSK

Synonyms

ARSK; arylsulfatase family, member K; arylsulfatase K; DKFZp313G1735; TSULF;
 ASK; telethon sulfatase

Gene ID

153642

mRNA Refseq

NM_198150

Protein Refseq

NP_937793

MIM

610011

UniProt ID

Q6UWY0

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