

Recombinant Human ARSK protein, GST-tagged

Cat. No. ARSK-868H **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	Wheat Germ
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	MLLLVWSVVAALALAVLAPGAGEQRRRAAKAPNVVLVVSDFSDFGRLTFHPGSQVVK LPFINFMKTRGTSFLNAYTNSPICCPSRAAMWSGLFTHLTESWNNFKGLDPNYTTW MDVMERHGYRTQKFGKLDYTS GHHSISNRVEAWTRDVAFLLRQEGRPMVNLIRNR TKVRVMERDWQNTDKAVNWLRKEAINYTEPFVIYLG LNLPHYPSPSSGENFGSST FHTSLYWLEKVSHDAIKIPKWSPLSEMHPVDYYSYTKNCTGRFTKKEIKNIRAFYYA MCAETDAMLGEIILALHQLDLLQKTIVYSSDHGELAMEHRQFYKMSMYEASAHVPLL MMGPGIKAGLQVSNVSLVDIYPTMLDIAGIPLPQNLSGYSLLPLSSETFKNEHKVKN LHPPWILSEFHGCNVNASTYMLRTNHWKYIAYS DGASILPQLFDLSSDPDEL TNVAV KFPEITYSLDQKLHSIINYPKVSASVHQYNKEQFIKWKQSIGQNYSNVIANLRWHQD

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	WQKEPRKYENAIQWLKTHMNPRAV
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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.

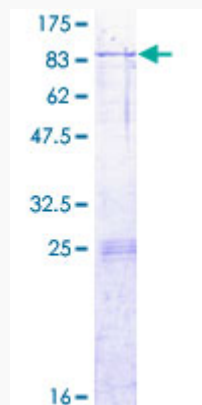
GENE INFORMATION

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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12.5% SDS-PAGE Stained with Coomassie Blue.

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