

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 LPFINFMKTRGTSFLNAYTNSPICCPSPRAAMWSGLFTHLTESWNNFKGLDPNYTTW 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

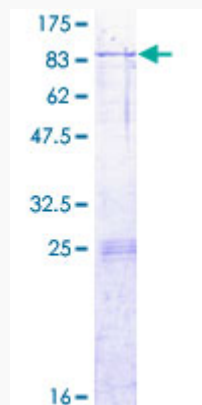
UniProt ID

Q6UWY0

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12.5% SDS-PAGE Stained with Coomassie Blue.

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