



Recombinant Human ARSK Protein Product Manual

1. Product Basic Information

Product No.: REP06179

Protein Name: Arylsulfatase Telethon Sulfatase (ARSK)

Aliases: ASK; MPS10; TSULF; arylsulfatase telethon sulfatase; glucuronate-2-sulfatase; arylsulfatase family member K

UniProt ID: Q6UWY0

UniProt Link: <https://www.uniprot.org/uniprotkb/Q6UWY0/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (23-536aa)

Molecular Weight: 66.2 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (23-536aa)

EQRRRAAKAPNVVLVVSDFSDFGRLTFHPGSQVVKLPFINFMKTRGTSFLNAYTNSPI
CCPSRAAMWSGLFTHLTESWNNFKGLDPNYTTWMDVMERHGYRTQKFGKLDYTS
GHHSISNRVEAWTRDVAFLLRQEGRPMVNLIRNRTKVRVMERDQNTDKAVNWL
RKEAINYTEPFVIYLG LNLPHYPSPSSGENFGSSTFHTSLYWLEKVS HDAIKIPKWS
PLSEMHPVDYYSSYTKNCTGRFTKKEIKNIRAFYYAMCAETDAMLGEIILALHQLDLL
QKTIVYSSDHGELAMEHRQFYKMSMYEASAHVPLLMMGPGIKAGLQVSNVSLVD
IYPTMLDIAGIPLPQNLSGYSLPLSSETFKNEHKVKNLHPPWILSEFHGCNVNASTY
MLRTNHWKYIAYSDGASILPQLFDLSSDPDEL TNVAVKFPEITYSLDQKLHSIINYPKV
SASVHQYNKEQFIKWKQSIGQNYSNVIANLRWHQDWQKEPRKYENAIQWLKTHM
NPRAV

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human ARSK full length of mature protein protein (23-536aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ARSK, also known as ASK or MPS10 or TSULF, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.