# Product datasheet for AR51764PU-N

## STOML1 (79-398, His-tag) Human Protein

## Product data:

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| **Product Type:** | Recombinant Proteins |
| **Description:** | STOML1 (79-398, His-tag) human recombinant protein, 0.25 mg |
| **Species:** | Human |
| **Expression Host:** | E. coli |
| **Expression cDNA Clone or AA Sequence:** | MGSSHHHHHH SSGLVPRGSH MGSLKIVPTY ERMIVFRLGR IRTPQGPGMV LLLPFIDSFQ RVDLRTRAFN VPPCKLASKD GAVLSVGADV QFRIWDPVLS VMTVKDLNTA TRMTAQNAMT KALLKRPLRE IQMEKLKISD QLLLEINDVT RAWGLEVDRV ELAVEAVLQP PQDSPAGPNL DSTLQQLALH FLGGSMNSMA GGAPSPGPAD TVEMVSEVEP PAPQVGARSS PKQPLAEGLL TALQPFLSEA LVSQVGACYQ FNVVLPSGTQ SAYFLDLTTG RGRVGHGVPD GIPDVVVEMA EADLRALLCR ELRPLGAYMS GRLKVKGDLA MAMKLEAVLR ALK |
| **Tag:** | His-tag |
| **Predicted MW:** | 37.0 kDa |
| **Concentration:** | lot specific |
| **Purity:** | >90% by SDS - PAGE |
| **Buffer:** | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl (pH 8.0) containing 10% glycerol |
| **Preparation:** | Liquid purified protein |
| **Protein Description:** | Recombinant human STOML1 protein, fused to His-tag at N-terminus, was expressed in E.coli. |
| **Storage:** | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. |
| **Stability:** | Shelf life: one year from despatch. |
| **RefSeq:** | NP_001243601 |
| **Locus ID:** | 9399 |
| **UniProt ID:** | Q9UBI4, Q53HB6 |
| **Cytogenetics:** | 15q24.1 |
| **Synonyms:** | hUNC-24; SLP-1; STORP |

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| **Summary:** | May play a role in cholesterol transfer to late endosomes (PubMed:19696025). May play a role in modulating membrane acid-sensing ion channels. Can specifically inhibit proton-gated current of ASIC1 isoform 1. Can increase inactivation speed of ASIC3. May be involved in regulation of proton sensing in dorsal root ganglions (By similarity). May play a role in protecting FBXW7 isoform 3 from degradation (PubMed:23082202).[UniProtKB/Swiss-Prot Function] |
| **Protein Families:** | Transmembrane |

## Product images:



15% SDS-PAGE  (3ug)