
Product Data Sheet

Product Name: STOML1 Human
 Cat. No.: GP24727
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Stomatin (EPB72)-Like 1; STORP; Stomatin-Related Protein; Stomatin (EBP72)-Like 1; Protein Unc-24 Homolog; EPB72-Like Protein 1; SLP-1; Stomatin-Like Protein 1; Stomatin-Like 1; HUNC-24; UNC24; SLP1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSLKIVPTY ERMIVFRLGR IRTPQGPGMV LLLPFIDSFQ RVDLRTRAFNVPPCKLASKD GAVLSVGADV QFRIWDPVLS VMTVKDLNTA TRMTAQNAMT KALLKRPLRE IQMEKLIKISDQLLLEINDVT RAWGLEVDRV ELAVEAVLQP PQDSPAGPNL DSTLQQLALH FLGGSMNSMA GGAPSPGPADTVEMVSEVEP PAPQVGARSS PKQPLAEGLL TALQPFLSEA LVSQVGACYQ FNVVLPSTGTQ SAYFLDLTTGRGRVGHGVPD GIPDVVEMA EADLRALLCR ELRPLGAYMS GRLKVKGDLA MAMKLEAVLR ALK.		
Formulation	STOML1 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.		

Introduction

Stomatin Like 1, also known as STOML1, is a protein coding gene which is a part of the band 7/mec-2 family. STOML1 contains one SCP2 domain and expressed at low levels. STOML1 acts as an ion channel inhibitor.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

STOML1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 343 amino acids (79-398 a.a) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 37kDa.STOML1 is fused to a 23 amino acid His-tag at N-terminus& purified by proprietary chromatographic techniques.

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