
Product Data Sheet

Product Name: TCL1B Human
 Cat. No.: GP24799
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	T-Cell Leukemia/Lymphoma 1B; Oncogene TCL-1B; Syncytiotrophoblast-Specific Protein; SYN-1; TML1; T-Cell Leukemia/Lymphoma Protein 1B; T-Cell Lymphoma/Leukemia 1B; TCL1/ MTCP1-Like 1; TCL1; Oncogene TCL1B; TCL1/MTCP1-Like Protein 1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAEASV RLGVPPGRLW IQRPGIYEDE EGRTWVTWV RFNPSRREWA RASQGSRYEP SITVHLWQMA VHTRELLSSG QMPFSQLPAV WQLYPGRKYR AADSSFWEIA DHGQIDSMEQ LVLTYQPERK D		
Formulation	TCL1B protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT.		

Introduction

T-cell leukemia/lymphoma 1B, also known as TCL1B is a member of the TCL1 family. TCL1B is expressed in a variety of tissues as well as the placenta and testis. Moreover, TCL1B enhances the phosphorylation and activation of AKT1 and AKT2.

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). Please avoid freeze thaw cycles.

Background

TCL1B Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 151 amino acids (1-128 a.a) and having a molecular mass of 17.2 kDa. TCL1B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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