
Product Data Sheet

Product Name: MLLT11 Human
 Cat. No.: GP23931
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	AF1Q; RP11-316M1.10; Protein AF1q; MLLT11.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMRDPVSS QYSSFLFWRM PIPELDLSEL EGLGLSDTAT YKVKDSSVGK MIGQATAADQ EKNPEGDGLL EYSTFNFWRA PIASHSFEL DLL.		
Formulation	MLLT11 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

Myeloid/Lymphoid Leukemia Translocated To 11 (MLLT11) is a part of the Mixed-Lineage Leukemia protein family. MLLT11 which takes part in leukemogenesis and in the progression of severe monocytic leukemia (AML) is located on chromosome 11q23. MLLT11 which is also expressed in embryonic brain cortex is upregulated during neuronal differentiation and is taking part in the evolution of the central nervous system.

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

MLLT11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 113 amino acids (1-90 a.a) and having a molecular mass of 12.4kDa. MLLT11 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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