

**MLLT11, 1-90aa, Human, His tag, E.coli**

**Cat.NO.: TP02986**

3th Edition

**Synonyms:**Protein AF1q, AF1Q, RP11-316M1.10

**Description:**Protein AF1q, also known as MLLT11, belongs to the Mixed-Lineage Leukemia (MLL) protein family. It is located on chromosome 11q23. MLLT11 plays a role in leukemogenesis and, specifically, the progression of acute monocytic leukemia (AML). Also, expressed in embryonic brain cortex, MLLT11 is upregulated during neuronal differentiation and is thought to play a role in the development of the central nervous system. Recombinant human MLLT11 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**12.4 kDa (113aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMRDPVSSQYSSFLFWRMPIPELDLSELEGLGLSDTATYKVKDSSVGMIGQ  
ATAADQEKNPEGDGLLEYSTFNFWRAPIASIHSELDLL

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.