9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KLF7 Antibody

Krueppel-like factor 7, Mouse Anti Human
ABM0425

Product Overview

Name	KLF7 Antibody

Description

Krueppel-like factor 7, Mouse Anti Human

Synonyms

UKLF, Krueppel-like factor 7, Ubiquitous krueppel-like factor, KLF7.

Introduction

Kruppel-Like Factor 7 (KLF7) is a part of the Kruppel-like transcriptional regulator family whose members regulate cell proliferation, differentiation and survival and contain 3 C2H2 zinc fingers at the C-terminus that mediate binding to GC-rich sites. KLF7 contributes to the progression of type 2 diabetes by inhibiting hormone expression and secretion in pancreatic beta-cells and also by deregulating adipocytokine secretion in adipocytes.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The KLF7 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

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.

Purity

Greater than 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MDVLASY SIFQELQLVH DTGYFSALPS LEETWQQTCL ELERYLQTEP RRISETFGED LDCFLHASPP PCIEESFRRL DPLLLPVEAA ICEKSSAVDI LLSRDKLLSE TCLSLQPASS SLDSYTAVNQ AQLNAVTSLT PPSSPELSRH LVKTSQTLSA VDGTVTLKLV AKKAALSSVK VGGVATAAAA VTAAGAVKSG QSDSDQGGLG AEACPENKKR VHRCQFNGCR KVYTKSSHLK AHQRTHTGEK PYKCSWEGCE WRFARSDELT RHYRKHTGAK PFKCNHCDRC FSRSDHLALH MKRHI.

Precautions

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KLF7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.