

ADI1 Antibody

Acireductone Dioxygenase 1, Mouse Anti Human
ABM0014

Product Overview

Name ADI1 Antibody

Description

Acireductone Dioxygenase 1, Mouse Anti Human

Synonyms

APL1, ARD, FLJ10913, HMFT1638, MTCBP-1, SIPL, 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase, Acireductone dioxygenase, Fe-ARD, Membrane-type 1 matrix metalloproteinase cytoplasmic tail-binding protein 1, Submergence-induced protein-like factor.

Introduction

Acireductone dioxygenase 1 (ADI1) is a part of the acireductone dioxygenase family of metal-binding enzymes, which are involved in methionine salvage. ADI1 regulates mRNA processing in the nucleus, and carries out different functions depending on its localization. Related pseudogenes have been defined on chromosomes 8 and 20. ADI1 down-regulates cell migration arbitrated by MMP14.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The ADI1 protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

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 90% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSS MVL AWYMDDAPGD PRQPHRPDPG RPVGLEQLRR
LGVLYWKLDA DKYENDPELE KIRRERNYSW MDITICKDK LPNYEEKIKM FYEEHLHLDD EIRYILDGSG
YFDVRDKEDQ WIRIFMEKGD MVTLPAGIYH RFTVDEKNYT KAMRLFVGEP VWTAYNRPAD HFEARGQYVK

FLAQTA.

Precautions

ADI1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.