9051 Mira Mesa Blvd, #910094
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ID1 Human

Inhibitor of DNA Binding 1 Human Recombinant
RCP1107

Product Overview

Name	ID1 Human

Description

Inhibitor of DNA Binding 1 Human Recombinant

Accession (Primary)	P41134

Synonyms

bHLHb24, ID, DNA-binding protein inhibitor ID-1, Class B basic helix-loop-helix protein 24, Inhibitor of DNA binding 1, ID1.

Introduction

Inhibitor of DNA Binding 1 (ID1) is a helix-loop-helix protein which can form heterodimers with members of the basic HLH family of transcription factors. ID1 is lacking DNA binding activity and thus can inhibit the DNA binding and transcriptional activation ability of basic HLH proteins with which it interacts. ID1 participates in cell growth, senescence, and differentiation.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The ID1 solution (0.5mg/ml) contains 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 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MKVASGS TATAAAGPSC ALKAGKTASG AGEVVRCLSE QSVAISRCAG GAGARLPALL DEQQVNVLLY DMNGCYSRLK ELVPTLPQNR KVSKVEILQH VIDYIRDLQL ELNSESEVGT PGGRGLPVRA PLSTLNGEIS ALTAEAACVP ADDRILCR.

Precautions

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ID1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P41134)