

ABHD12B Human

Abhydrolase Domain Containing 12B Human Recombinant
RCP0004

Product Overview

Name ABHD12B Human

Description

Abhydrolase Domain Containing 12B Human Recombinant

Accession (Primary) [Q7Z5M8](#)

Synonyms

Abhydrolase domain containing protein 14B, CIB, CCG1-interacting factor B, cell cycle gene 1-interacting factor B, EC 3.1.11.6, EC 3.1.21.4.

Introduction

ABHD14B is a member of the AB hydrolase superfamily. ABHD14B has an alpha/beta hydrolase fold - a catalytic domain found in a large number of enzymes. In molecular biology, the alpha/beta hydrolase fold is common to a number of hydrolytic enzymes of broad differing phylogenetic source and catalytic function. The Ab hydrolase domain containing gene subfamily includes 15 mostly uncharacterized members. ABHD14B has hydrolase activity with p-nitrophenyl butyrate (in vitro) and is able to activate transcription.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The ABHD14B solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT 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 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS H MAASVE QREGTIQVQG QALFFREALP GSGQARFSVL LLHGIRFSSE
TWQNLGTLHR LAQAGYRAVA IDLPGLGHSK EAAAPAPIGE LAPGSFLAAV VDALELGPPV VISPSLSGMY

SLPFLTAPGS QLPGFVPVAP ICTDKINAAN YASVKTPALI VYGDQDPMGQ TSFEHLKQLP NHRVLIMKGA
GHPCYLDKPE EWHTGLLDFL QGLQ

Precautions

ABHD12B Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([Q7Z5M8](#))