9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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NCEH1 Human

Neutral Cholesterol Ester Hydrolase 1 Human Recombinant
RCP1460

Product Overview

Name	NCEH1 Human

Description

Neutral Cholesterol Ester Hydrolase 1 Human Recombinant

Accession (Primary)	Q6PIU2

Synonyms

AADACL1, NCEH, Neutral cholesterol ester hydrolase 1, Arylacetamide deacetylase-like, KIAA1363, NCEH1.

Introduction

Neutral cholesterol ester hydrolase 1 (NCEH1), hydrolyzes 2-acetyl monoalkylglycerol ether, the penultimate precursor of the pathway for de novo synthesis of platelet-activating factor. NCEH1 is responsible for cholesterol ester hydrolysis in macrophages, by this means contributing to the development of atherosclerosis. NCEH1 contributes also to cancer pathogenesis by promoting tumor cell migration. NCEH1 is involved in organ detoxification by hydrolyzing exogenous organophosphorus compounds.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

NCEH1 protein solution (1mg/ml) containing 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 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MAEELNA VIVSIEYRLV PKVYFPEQIH DVVRATKYFL KPEVLQKYMV DPGRICISGD SAGGNLAAAL GQQFTQDASL KNKLKLQALI YPVLQALDFN TPSYQQNVNT PILPRYVMVK YWVDYFKGNY DFVQAMIVNN HTSLDVEEAA AVRARLNWTS LLPASFTKNY KPVVQTTGNA RIVQELPQLL DARSAPLIAD QAVLQLLPKT YILTCEHDVL RDDGIMYAKR LESAGVEVTL DHFEDGFHGC MIFTSWPTNF

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SVGIRTRNSY IKWLDQNL.

Precautions

NCEH1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6PIU2)