

AR50826PU-S

Human NCEH1 / AADACL1 (1-275, His-tag) - Purified

Alternate names:

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

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

Neutral cholesterol ester hydrolase 1, also known as NCEH1, hydrolyzes 2-acetyl monoalkylglycerol ether, the penultimate precursor of the pathway for de novo synthesis of platelet-activating factor. It may be responsible for cholesterol ester hydrolysis in macrophages, thereby contributing to the development of atherosclerosis. Also NCEH1 is involved in organ detoxification by hydrolyzing exogenous organophosphorus compounds. This protein may contribute to cancer pathogenesis by promoting tumor cell migration.

Uniprot ID:

[Q6PIU2](#)

NCBI:

[NP_001139750](#)

GeneID:

[57552](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Description:

Recombinant human NCEH1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSM AELNA VIVSIEYRLV PKVYFPEQIH DVVRATKYFL
KPEVLQKYMV DPGRICISGD SAGGNLAAAL GQQFTQDASL KNKLKLQALI YPVLQALDFN
TPSYQQNVNT PILPRYVMVK YWVDYFKGNY DQVQAMIVNN HTSLDVEEAA AVRARLNWTS
LLPASFTKNY KPVVQTTGNA RIVQELPQLL DARSAPLIAD QAVLQLLPKT YILTCEHDVL
RDDGIMYAKR LESAGVEVTL DHFEDGFHGC MIFTSWPTNF SVGIRTRNSY IKWLDQNL

Molecular weight: 33.6 kDa (298aa)

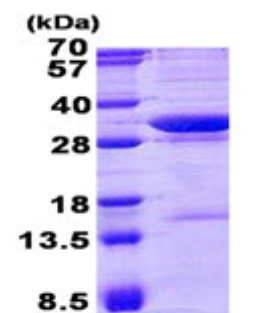
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Chiang K.P., et al. (2006) Chem. Biol. 13:1041-1050 Okazaki H., et al. (2008) J. Biol. Chem. 283:33357-33364

Pictures:



15% SDS-PAGE (3ug)