

Recombinant Human NCEH1, His-tagged

Cat. No. NCEH1-7558H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NCEH1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-275aa
Antigen Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Molecular Mass	33.6 kDa (298aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSM AEELNA VIVSIEYRLV PKVYFPEQIH DVVRATKYFL KPEVLQKYMV DPGRICISGD SAGGNLAAAL GQQFTQDASL KNKLKLQALI YPVLQALDFN TPSYQQNVNT PILPRYVMVK YWVDYFKGNY DFVQAMIVNN HTSLDVEEAA AVRARLNWTS LLPASFTKNY KPVVQTTGNA

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RIVQELPQLL DARSAPLIAD QAVLQLLPKT YILTCEHDVL RDDGIMYAKR
LESAGVEVTL DHFEDGFHGC MIFTSWPTNF SVGIRTRNSY IKWLDQNL

Purity >90% as determined by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml

GENE INFORMATION

Gene Name [NCEH1 neutral cholesterol ester hydrolase 1 \[Homo sapiens \]](#)

Official Symbol NCEH1

Synonyms NCEH1; neutral cholesterol ester hydrolase 1; AADACL1, arylacetamide deacetylase like 1; KIAA1363; NCEH; arylacetamide deacetylase-like 1; AADACL1;

Gene ID [57552](#)

mRNA Refseq [NM_001146276](#)

Protein Refseq [NP_001139748](#)

MIM [613234](#)

UniProt ID [Q6PIU2](#)

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Chromosome Location	3q26.31
Pathway	Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem;
Function	carboxylesterase activity; hydrolase activity;

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