

Product information



NCEH1, 1-275aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2002

Full name: Neutral cholesterol ester hydrolase 1

NCBI Accession No.: NP_001139750

Synonyms: AADACL1, NCEH

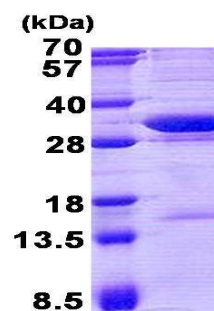
Description: Neutral cholesterol ester hydrolase 1, also known as NCEH1, hydrolyzes 2-acetyl monoalkylglycerol ether, the penultimate precursor of the pathway for de novo synthesis of platelet-activating factor. It may be responsible for cholesterol ester hydrolysis in macrophages, thereby contributing 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. Recombinant human NCEH1 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight: 33.6 kDa (298aa)

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3µg)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMAEELNA VIVSIEYRLV PKVYFPEQIH DVVRATKYFL KPEVLQKYMV DPGRICISGD SAGGNLAAAL
GQQFTQDASL KNKLLQALI YPVLQALDFN TPSYQQNVNT PILPRYVMVK YWVDYFKGNY DFVQAMIVNN HTSLDVEEAA AVRARLNWTS
LLPASFTKNY KPVVQTTGNA RIVQELPQLL DARSAPLIAD QAVLQLLPKT YILTCEHDVL RDDGIMYAKR LESAGVEVTL DHFEDGFHGC
MIFTSWPTNF SVGIRTRNSY IKWLDQNL

General references:

Chiang K.P., *et al.* (2006) *Chem. Biol.* 13:1041-1050

Okazaki H., *et al.* (2008) *J. Biol. Chem.* 283:33357-33364

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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