

NCEH1, 1-275aa, Human, His tag, E.coli

Cat.NO.: TP03104

3th Edition

Synonyms:Neutral cholesterol ester hydrolase 1, AADA CL1, 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)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSM AEELNAVIVSIEYRLV PKVYFPEQIHDVVRATKYFLKPEVLQKYMVDPGRICI
SGDSAGGNLAAALGQQFTQDASLKNK LKLQALIYPVLQALDFNTPSYQQNVNTPILPRYVMVKYWVDYFKGN YDFV
QAMIVNNHTSLDVEEAAAVRARLNWTSLLPASFTKNYKPVVQTTGNARIVQELPQLLDARSAPLIADQAVLQLLPKT
YILTCEHDVLRDDGIMYAKRLESAGVEVTLDFHEDGFHGCMIFTSWPTNFSVGIRTRNSYIKWLDQNL

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.