

Product datasheet for PH306188

AADACL1 (NCEH1) (NM_020792) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NCEH1 MS Standard C13 and N15-labeled recombinant protein (NP_065843)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206188
Predicted MW:	49.1 kDa
Protein Sequence:	>RC206188 protein sequence Red=Cloning site Green=Tags(s)

MSSCRGQK VAGGLRVSPFPLCQPAGEPSRGKMRSSCVLLTALVALAAYVYIPLPGSVSDPWKMLLLDA
TFRGAQQVSNLIHYLGLSHLLALNFIIVSFGKSAWSSAQVKVTDTFDGVVRFEGPPKPEPLKRS
VYIHHGGWALASAKIRYYDELCTAMAEELNAVIVSIEYRLVPKVVYFPEQIHDVVRATKYFLKPEVLQKY
MVDPRGICISGDSAGGNLAAALGQOFTQDASLKNKLKQALIYPVLQALDFNTPSYQQNVNTPILPRYVM
VKYVWDYFKGNDFVQAMIVNNHTSLDVEEAAAVRARLNWTSLLPASFTKNYKPVVQTTGNARIVQELPQ
LLDARSAPLIADQAVLQLLPKTYILTCEHDVLRDDGIMYAKRLESAGVEVTLDFHFDGFGHGMIFTSWPT
NFSVGIRTRNSYIKWLDQNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_065843</u>
RefSeq Size:	4294
RefSeq ORF:	1320
Synonyms:	AADACL1; NCEH



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Locus ID: 57552

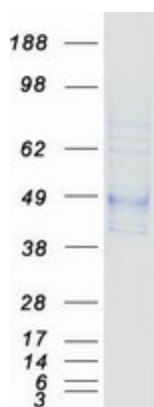
UniProt ID: [Q6PIU2](#), [A0A0R4J2G3](#)

Cytogenetics: 3q26.31

Summary: Hydrolyzes 2-acetyl monoalkylglycerol ether, the penultimate precursor of the pathway for de novo synthesis of platelet-activating factor. May be responsible for cholesterol ester hydrolysis in macrophages, thereby contributing to the development of atherosclerosis. Also involved in organ detoxification by hydrolyzing exogenous organophosphorus compounds. May contribute to cancer pathogenesis by promoting tumor cell migration.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified NCEH1 protein (Cat# [TP306188]). The protein was produced from HEK293T cells transfected with NCEH1 cDNA clone (Cat# [RC206188]) using MegaTran 2.0 (Cat# [TT210002]).