

Product datasheet for TP306188M

AADACL1 (NCEH1) (NM_020792) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human arylacetamide deacetylase-like 1 (AADACL1), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC206188 protein sequence Red=Cloning site Green=Tags(s) |

MSSCRGQKVAGGLRVVSPFPLCQPAGEPSRGKMRSSCVLLTALVALAAYVYIPLPGSVSDPWKMLLLDA
TFRGAQQVSNLIHYLGLSHHLLALNFIIVSFGKKS AWSSAQVKVTD TDFDGV E V R V F E G P P K P E E P L K R S
VYIHGGGWALASAKIRYYDELCTAMAEELNAVIVSIEYRLVPKVFPEQIHDVVRATKYFLKPEVLQKY
MVDPGRICISGDSAGGNLAAALGQQFTQDASLKNKLLQALIYPVLQALDFNTPSYQQNVNTPILPRYVM
VKYWVDYFKGN YDFVQAMIVNNHTSLDVEEAAVRARLNWTSLLPASFTKNYKPVVQTTGNARIVQELPQ
LLDARSAPLIADQAVLQLLPKTYILTCEHDVLRDDGIMYAKRLESAGVEVTLDFHFDGFGHGCMIFTSWPT
NFSVGIRTRNSYIKWLDQNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

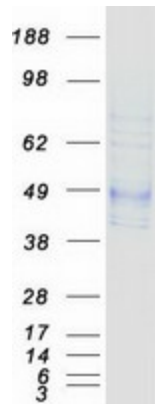
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 48.9 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_065843</u> |



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| | |
|-------------------|---|
| Locus ID: | 57552 |
| UniProt ID: | Q6PIU2 , A0A0R4J2G3 |
| RefSeq Size: | 4294 |
| Cytogenetics: | 3q26.31 |
| RefSeq ORF: | 1320 |
| Synonyms: | AADACL1; NCEH |
| 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]).