

Product datasheet

Recombinant Human AADAC/DAC protein (Tagged)
 ab235022

3 Images

Description

Product name	Recombinant Human AADAC/DAC protein (Tagged)	
Purity	> 90 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	P22760	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	PDNVEEPWRMMWINAHLKTIQNLATFVELLGLHHFMSDFK VVGSFDEVPP TSDENVTVTETKFNILVRVYVPKRKSEALRRGLFYIHGGG WCVGSAALS GYDLLSRWTADRLDAVVVSTNYRLAPKYHFPIQFEDVYNA LRWFLRKKVL AKYGVNPERIGISGDSAGGNLAAAVTQQLDDPDVKIKLKI QSLYPALQ PLDVDLPSYQENSNFLFLSKSLMVRFWSEYFTTDRSLEK AMLSRQHVPVE SSHLFKFNWSSLLPERFIKGHVYNNPNYGSSELAKKYPG FLDVRAAPLL ADDNKLRLPLTYVITCQYDLLRDDGLMYVTRLRNTGVQV THNHVEDGFH GAFSFLGLKISHRLINQYIEWLKENL	
Predicted molecular weight	63 kDa including tags	
Amino acids	24 to 399	
Tags	His tag N-Terminus	
Additional sequence information	Lumenal domain. N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab235022** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Form	Liquid
Additional notes	This product was previously labelled as AADAC

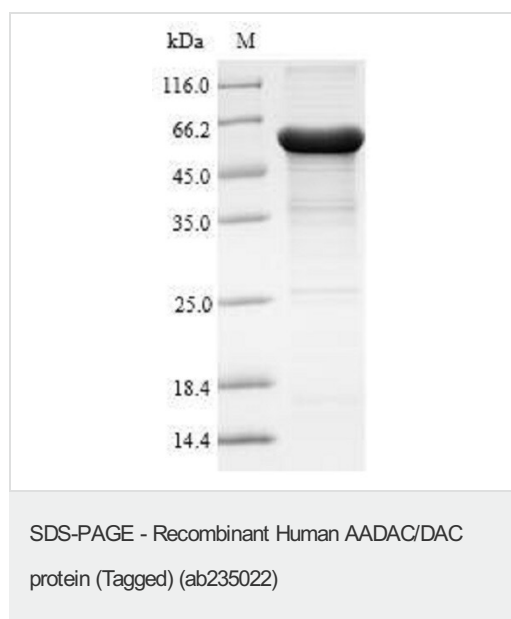
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)
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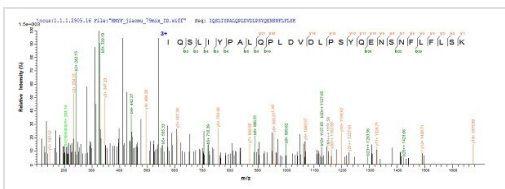
General Info

Function	Arylacetamide deacetylation is an important enzyme activity in the metabolic activation of arylamine substrates to ultimate carcinogens. Displays major serine hydrolase activity in liver microsomes. Hydrolyzes also flutamide, which is an antiandrogen drug used for the treatment of prostate cancer that occasionally causes severe hepatotoxicity. Displays cellular triglyceride lipase activity in liver. Increases intracellular fatty acids derived from hydrolysis of newly formed triglyceride stores.
Tissue specificity	Mainly expressed in liver, small intestine, colon and adrenal gland.
Sequence similarities	Belongs to the 'GDXXG' lipolytic enzyme family.
Cellular localization	Endoplasmic reticulum membrane. Microsome membrane.

Images

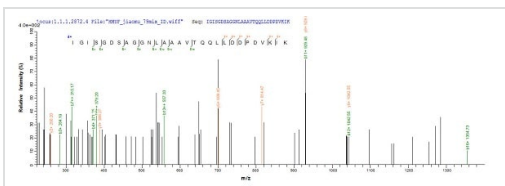


ab235022 analyzed by (Tris-Glycine gel) discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Mass Spectrometry - Recombinant Human
AADAC/DAC protein (Tagged) (ab235022)

Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of ab235022 could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) AADAC/DAC.



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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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