Product Name: Recombinant Human ACY3 (N-6His)
Catalog #: PEH0018

Summary

Name	ACY3/N-acyl-aromatic-L-amino acid amidohydrolase
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human N-acyl-aromatic-L-amino Acid Amidohydrolase is produced by our E.coli expression system and the target gene encoding Met1-Ser319 is expressed with a 6His tag at the N-terminus.
Accession #	Q96HD9
Host	E.coli
Species	Human
Predicted Molecular Mass	37.4 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20 mM PB, 10% Trehalose, 10% Glycerol, 1 mM DTT, 0.02% Tween80, pH7.6.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤ -70℃, stable for 6 months after receipt. Store at ≤ -70℃, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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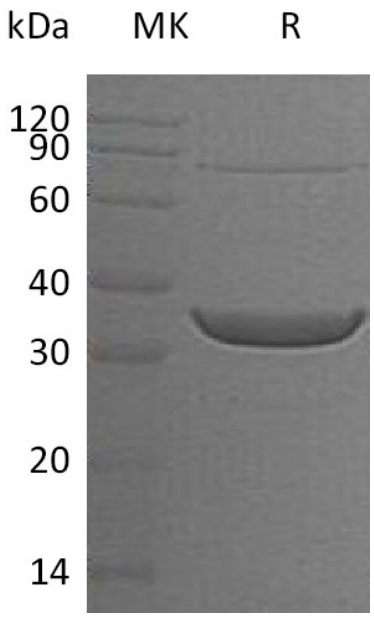

Alternative Names

N-acyl-aromatic-L-amino acid amidohydrolase (carboxylate-forming);ACY3;Acylase III;Aminoacylase-3;ACY-3;Aspartoacylase-2;Hepatitis C virus core-binding protein 1;HCBP1;HCV core-binding protein 1;ASPA2;ACY3

Background

Aspartoacylase 3, also known as ACY3, N-acyl-aromatic-L-amino acid amidohydrolase (carboxylate-forming), Acylase III, Aminoacylase-3, Aspartoacylase-2, Aspartoacylase-2, HCV core-binding protein 1 and ASPA2, is a member of the Aspartoacylase subfamily. ACY3 plays an important role in deacetylating mercapturic acids in kidney proximal tubules and acts on N-acetyl-aromatic amino acids.ACY3 is located in the cytoplasm of S2 and S3 proximal tubules and the apical domain of S1 proximal tubules. ACY3 protein is also expressed at low levels in stomach, testis, heart, brain, lung and liver, and may function as an HCV (Hepatitis C virus) core binding protein.

Note

For Research Use Only , Not for Diagnostic Use.