

## Product datasheet for **TP727148**

### ACY3 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human N-Acyl-Aromatic-L-Amino Acid Amidohydrolase/ACY3 (N-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Ser319
Tag:	N-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 10% Glycerol, pH 8.0.
Note:	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.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	91703
UniProt ID:	<a href="#">Q96HD9</a>
Synonyms:	N-acyl-aromatic-L-amino acid amidohydrolase (carboxylate-forming);ACY3;Acylyase III;Aminoacylase-3;ACY-3;Aspartoacylase-2;Hepatitis C virus core-binding protein 1;HCBP1;HCV core-binding protein 1;ASPA2;ACY3
Summary:	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.
Protein Pathways:	Alanine, aspartate and glutamate metabolism, Histidine metabolism



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