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32-8383: Recombinant Human N-Acyl-Aromatic-L-Amino Acid Amidohydrolase/ACY3 (N-6His)

Gene : ACY3
Gene ID : 91703
Uniprot ID : Q96HD9

Description

Source: E.coli.
MW :37.4kD.
Recombinant Human Aminoacylase-3 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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM Tris,100mM NaCl,1mM DTT,10%Glycerol,pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MGSSHHHHHHSSGLVPRGSHMCSLPVPREPLRRVAVTGGTHGNEMSGVYLARHWLHAPAELQRASFSAVPV LANPAATSGCRRYVDHDLNRTFTSSFLNSRPTPDDPYEVTRARELNQLLGPKASGQAFDFVLDLHNTTANMGT CLIAKSSHEVFAMHLCRHLQLQYPELSCQVFLYQRSGEESYNLDSVAKNGLGLELGPQPQGVLRADIFSRMRTL VATVLDFIELFNQGTAFPAFEMEAYRPVGVVDFPRTEAGHLAGTVHPQLQDRDFQPLQPGAPIFQMFSGEDLLY EGESTVYPVFINEAAYYEKGVAFVQTEKFTFTVPAMPALTPAPSPAS

Application Note

Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.