

32-2116: ACY3 Recombinant Protein

Alternative Name : Aspartoacylase-2,Acylase III,Aminoacylase-3,ACY-3,Hepatitis C virus core-binding protein 1,HCBP1,ACY3,ASPA2.

Description

Source : Escherichia Coli. ACY3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 342 amino acids (1-319 a.a.) and having a molecular mass of 37.6kDa.ACY3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Aspartoacylase 3 (ACY3) belongs to the Aspartoacylase subfamily. ACY3 has a vital role in deacetylating mercapturic acids in kidney proximal tubules. Aspartoacylase 3 localizes to the cytoplasm of S2 and S3 proximal tubules and also to the apical domain of S1 proximal tubules. In addition, ACY3 protein is expressed at low levels in the stomach, testis, heart, brain, lung and liver, and can function as an HCV (Hepatitis C virus) core binding protein.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : ACY3 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMCSLPVP REPLRRVAVT GGTHGNEMSG VYLARHWLHA PAELQRASFS AVPVLANPAA TSGCRRYVDHDLNRTFTSSF LNSRPTPDDP YEVTRARELN QLLGPKASGQ AFDFVLDLHN TTANMGTCLE AKSSHEVFAM HLCRHLQLQY PELSCQVFLY QRSGEESYNL DSVAKNGLGL ELGPQPQGVLE RADIFSRMRT LVATVLDLIE LFNQGTAFPA FEMEAYRPVG VVDFPRTEAG HLAGTVHPQL QDRDFQPLQP GAPIFQMFSG EDLLYEGEST VYPVFINEAA YYEKGVAFFVQ TEKFTFTVPA MPALTPAPSP AS.

