

Product datasheet for PH302287

ACY3 (NM_080658) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ACY3 MS Standard C13 and N15-labeled recombinant protein (NP_542389)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202287
Predicted MW:	35.2 kDa
Protein Sequence:	>RC202287 protein sequence Red=Cloning site Green=Tags(s) MCSLPVPREPLRRVAVTGGTHGNEMSGVYLARHWLHAPAE LQRASFSAVPVLANPAATSGCRRYVDHDLN RTFTSSFLNSRPTDDPYEVTRARELNQLLGPKASGQAFDFVLDLHNTTANMGTC LIAKSSHEVFAMHLC RHLQLQYPELSCQVFLYQRSGEESYNLDSVAKNGLGLELGPQPQGVLRADIFSRMRTL VATVLD FIELFN QGTAFPAFEMEAYRPVGVVDFPRTEAGHLAGTVHPQLQDRDFQPLQPGAP IFQMFSGEDLLYEGESTVYP VFINEAAYYEKGVAFVQTEKFTFTVPAMPALTPAPSPAS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_542389
RefSeq Size:	1317
RefSeq ORF:	957
Synonyms:	ACY-3; HCBP1
Locus ID:	91703



[View online »](#)

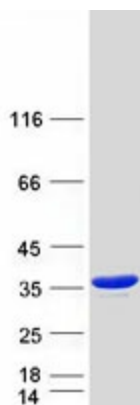
UniProt ID: [Q96HD9](#), [A0A024R5L2](#)

Cytogenetics: 11q13.2

Summary: Plays an important role in deacetylating mercapturic acids in kidney proximal tubules. Also acts on N-acetyl-aromatic amino acids (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Pathways: Alanine, aspartate and glutamate metabolism, Histidine metabolism

Product images:



Coomassie blue staining of purified ACY3 protein (Cat# [TP302287]). The protein was produced from HEK293T cells transfected with ACY3 cDNA clone (Cat# [RC202287]) using MegaTran 2.0 (Cat# [TT210002]).