

Product datasheet for **TP302287M**

ACY3 (NM_080658) Human Recombinant Protein

Product data:

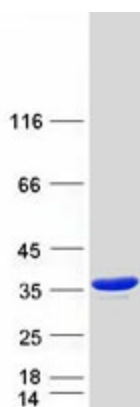
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human aspartoacylase (aminocyclase) 3 (ACY3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202287 protein sequence Red =Cloning site Green =Tags(s)
	<p>MCSLPVPREPLRRVAVTGGTHGNEMSGVYLARHWLHAPAE LQRASFSAVPVLANPAATSGCRRYVDHDLN RTFTSSFLNSRPTDPPYEVTRARELNQLLGPKASGQAFDFVLDLHNTTANMGTC LIAKSSHEVFAMHLC RHLQLQYPELSCQVFLYQRSGEESYNLDSVAKNGLGLELGPQPQGVLRADIFSRMRTL VATVLDFIELFN QGTAFPAFEMEAYRPVGVDFPRTEAGHLAGTVHPQLQDRDFQLQPGAPIFQMFSGEDLLYEGESTVYP VFINEAAYYEKGVAFVQTEKFTTVPAMPALTPAPSPAS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	35.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_542389
Locus ID:	91703



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UniProt ID:	Q96HD9 , A0A024R5L2
RefSeq Size:	1317
Cytogenetics:	11q13.2
RefSeq ORF:	957
Synonyms:	ACY-3; HCBP1
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]).