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Product datasheet for TP520631

Bace2 (NM_019517) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse beta-site APP-cleaving enzyme 2 (Bace2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR220631 representing NM_019517 Red=Cloning site Green=Tags(s) MGALLRALLLPVLAQWLLSAVPALAPAPFTLPLQVARATNHRASAVPGLGTPELPRADGLALALEPVRAT ANFLAMVDNLQGDSGRGYYLEMLIGTPPQKVQILVDTGSSNFAVAGAPHSYIDTYFDSESSSTYHSKGFD VTVKYTQGSWTGFVGEDLVTIPKGFNSSFLVNIATIFESENFFLPGIKWNGILGLAYAALAKPSSSLETF FDSLVAQAKIPDIFSMQMCGAGLPVAGSGTNGGSLVLGGIEPSLYKGDIWYTPIKEEWYYQIEILKLEIG GQNLNLDCREYNADKAIVDSGTTLLRLPQKVFDAVVEAVARTSLIPEFSDGFWTGAQLACWTNSETPWAY FPKISIYLRDENASRSFRITILPQLYIQPMMGAGFNYECYRFGISSSTNALVIGATVMEGFYVVFDRAQR RVGFAVSPCAEIEGTTVSEISGPFSTEDIASNCVPAQALNEPILWIVSYALMSVCGAILLVLILLLLLPL HCRHAPRDPEVVNDESSLVRHRWK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	56.3 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
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 after receiving vials.
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_062390

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Locus ID:	56175
UniProt ID:	Q9JL18, A0A0R4J0I8
RefSeq Size:	3736
Cytogenetics:	16 C4
RefSeq ORF:	1542
Synonyms:	1110059C24Rik; A; AEPLC; AI850424; AL; ALP56; ARP1; AS; ASP1; ASP21; BAE; BAE2; CDA1; CDA13; CEA; CEAP1; DRAP
Summary:	This gene encodes a member of the peptidase A1 family of aspartic proteases. The encoded preproprotein undergoes proteolytic processing to generate an active endopeptidase enzyme. This transmembrane protease catalyzes the proteolysis of amyloid precursor protein to produce amyloid beta peptide. Mice lacking the encoded product exhibit increased pancreatic beta cell mass and improved glucose tolerance due to increased insulin secretion. [provided by RefSeq, Jul 2016]