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## Datasheet for ABIN2715130 BACE2 Protein (Transcript Variant A) (Myc-DYKDDDDK Tag)



Overview

Image

Quantity:	20 µg
Target:	BACE2
Protein Characteristics:	Transcript Variant A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BACE2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human BACE2 (transcript variant a) protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	BACE2
Alternative Name:	Bace2 (BACE2 Products)
Background:	This gene encodes an integral membrane glycoprotein that functions as an aspartic protease.
	The encoded protein cleaves amyloid precursor protein into amyloid beta peptide, which is a
	critical step in the etiology of Alzheimer&aposs disease and Down syndrome. The protein
	in the second

precursor is further processed into an active mature peptide. Alternative splicing results in

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### Target Details

	multiple transcript variants.
Molecular Weight:	49.8 kDa
NCBI Accession:	NP_036237

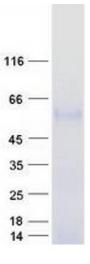
## Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

#### Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.

#### Images



#### Western Blotting

Image 1. Validation with Western Blot

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