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## Product Datasheet

### Recombinant Human BACE-1/ASP2 Protein ABB-RP00165

Article Name	Recombinant Human BACE-1/ASP2 Protein
Biozol Catalog Number	ABB-RP00165
Supplier Catalog Number	RP00165
Alternative Catalog Number	ABB-RP00165-20UG, ABB-RP00165-10UG, ABB-RP00165-100UG, ABB-RP00165-50UG
Manufacturer	ABClonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Thr22-Tyr460
Product Description	Beta-site APP-cleaving enzyme 1 (BACE1) is an aspartic-acid protease important in the formation of myelin sheaths in peripheral nerve cells. BACE-1 is the peptidase predominantly responsible for cleavage of the amyloid precursor protein beta site in t...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	49.62 kDa
NCBI	<a href="#">23621</a>
UniProt	<a href="#">P56817</a>
Purity	95 % as determined by SDS-PAGE.

Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Target	BACE-1/ASP2
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Other Recombinant Protein