



GSAP blocking peptide (CDBP5921)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Accumulation of neurotoxic amyloid-beta is a major hallmark of Alzheimer disease (AD; MIM 104300). Formation of amyloid-beta is catalyzed by gamma-secretase (see PSEN1; MIM 104311), a protease with numerous substrates. PION, or GSAP, selectively increases amyloid-beta production through a mechanism involving its interaction with both gamma-secretase and its substrate, the amyloid-beta precursor protein (APP; MIM 104760) C-terminal fragment (APP-CTF) (He et al., 2010 [PubMed 20811458]).[supplied by OMIM, Nov 2010]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	GSAP gamma-secretase activating protein [Homo sapiens (human)]
Official Symbol	GSAP
Synonyms	GSAP; gamma-secretase activating protein; PION; gamma-secretase-activating protein; pigeon homolog; protein pigeon homolog
Entrez Gene ID	54103

mRNA Refseq	NM_017439
Protein Refseq	NP_059135
UniProt ID	A4D1B5
Function	beta-amyloid binding