



Human NPEPPS blocking peptide (CDBP1896)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MP100/NPEPPS antibody
Antigen Description	This gene encodes the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain, and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	NPEPPS aminopeptidase puromycin sensitive [Homo sapiens]
Official Symbol	NPEPPS
Synonyms	NPEPPS; aminopeptidase puromycin sensitive; puromycin-sensitive aminopeptidase; metalloproteinase MP100; MP100; PSA; puromycin sensitive aminopeptidase; cytosol alanyl aminopeptidase; AAP-S;

Entrez Gene ID	9520
mRNA Refseq	NM_006310
Protein Refseq	NP_006301
UniProt ID	P55786
Chromosome Location	17q12-q21
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	aminopeptidase activity; metal ion binding; metallopeptidase activity; peptidase activity; zinc ion binding;