



UCHL1 blocking peptide (CDBP2271)

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

PRODUCT INFORMATION

Product Overview	PGP9.5 175-191 Blocking Peptide
Antigen Description	The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.[provided by RefSeq, Sep 2009]
Conjugate	Unconjugated
Applications	BL
Format	Lyophilized powder
Size	20 µg
Preservative	None
Storage	If peptide is supplied as a dried powder, reconstitute with deionized water. A stock solution of 2mgs/ml is recommended for most absorption control applications. For maximum stability, the peptide should be stored at – 20°C. Most peptides will be stab

GENE INFORMATION

Gene Name	UCHL1 ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) [Homo sapiens]
Official Symbol	UCHL1
Synonyms	UCHL1; ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase); PARK5; ubiquitin carboxyl-terminal hydrolase isozyme L1; PGP9.5; Uch L1; ubiquitin thioesterase L1; neuron cytoplasmic protein 9.5; ubiquitin C-terminal hydrolase; PGP95; Uch-L1; PGP 9.5;

Entrez Gene ID	7345
mRNA Refseq	NM_004181
Protein Refseq	NP_004172
UniProt ID	P09936
Chromosome Location	4p13
Pathway	Alpha-synuclein signaling, organism-specific biosystem; Parkinsons disease, organism-specific biosystem;
Function	alpha-2A adrenergic receptor binding; cysteine-type endopeptidase activity; ligase activity; omega peptidase activity; peptidase activity; protein binding; ubiquitin binding; ubiquitin thiolesterase activity;