



# HTRA2 blocking peptide (CDBP5864)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a serine protease. The protein has been localized in the endoplasmic reticulum and interacts with an alternatively spliced form of mitogen-activated protein kinase 14. The protein has also been localized to the mitochondria with release to the cytosol following apoptotic stimulus. The protein is thought to induce apoptosis by binding the apoptosis inhibitory protein baculoviral IAP repeat-containing 4. Nuclear localization of this protein has also been observed. Alternate splicing of this gene results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined. [provided by RefSeq, Jul 2008]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">HTRA2 HtrA serine peptidase 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	HTRA2
<b>Synonyms</b>	HTRA2; HtrA serine peptidase 2; OMI; PARK13; PRSS25; serine protease HTRA2, mitochondrial; serine protease 25; protease, serine, 25; serine proteinase OMI; HtrA-like serine

protease; Omi stress-regulated endoprotease; high temperature requirement protein A2

<b>Entrez Gene ID</b>	<a href="#">27429</a>
<b>mRNA Refseq</b>	<a href="#">NM_013247</a>
<b>Protein Refseq</b>	<a href="#">NP_037379</a>
<b>UniProt ID</b>	O43464
<b>Pathway</b>	Apoptosis Modulation and Signaling; Parkinson's disease; Parkinsons Disease Pathway
<b>Function</b>	peptidase activity; protein binding; serine-type endopeptidase activity; serine-type endopeptidase activity; serine-type peptidase activity; serine-type peptidase activity; unfolded protein binding