

**HtrA2/Omi Blocking Peptide**  
**Catalog # PBV10208b****Specification**

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**HtrA2/Omi Blocking Peptide - Product Information**

Primary Accession	<a href="#">O43464</a>
Other Accession	<a href="#">BAF84666</a>
Gene ID	<b>27429</b>
Calculated MW	<b>48841</b>

**HtrA2/Omi Blocking Peptide - Additional Information****Gene ID** 27429**Application & Usage**

The peptide is used for blocking the antibody activity of HtrA2/Omi. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

**Other Names**

Serine protease HTRA2, mitochondrial, 3.4.21.108, High temperature requirement protein A2, HtrA2, Omi stress-regulated endoprotease, Serine protease 25, Serine proteinase OMI, HTRA2, OMI, PRSS25

**Target/Specificity**

HtrA2/Omi

**Formulation**

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.5% BSA and 0.02% thimerosal.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

HtrA2/Omi Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

**HtrA2/Omi Blocking Peptide - Protein Information****Name** HTRA2**Synonyms** OMI, PRSS25

**Function**

Serine protease that shows proteolytic activity against a non-specific substrate beta-casein. Promotes or induces cell death either by direct binding to and inhibition of BIRC proteins (also called inhibitor of apoptosis proteins, IAPs), leading to an increase in caspase activity, or by a BIRC inhibition-independent, caspase-independent and serine protease activity-dependent mechanism. Cleaves THAP5 and promotes its degradation during apoptosis. Isoform 2 seems to be proteolytically inactive.

**Cellular Location**

Mitochondrion intermembrane space. Mitochondrion membrane; Single-pass membrane protein  
Note=Predominantly present in the intermembrane space. Released into the cytosol following apoptotic stimuli, such as UV treatment, and stimulation of mitochondria with caspase-8 truncated BID/tBID

**Tissue Location**

[Isoform 1]: Ubiquitously expressed.

**HtrA2/Omi Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**HtrA2/Omi Blocking Peptide - Images**