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32-9308: Recombinant Human Serine Protease HTRA2/HTRA2/Omi (C-6His)

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

Description

Source : Human Cells;
High temperature requirement protein A2(HTRA2) is a single-pass membrane protein .It contains 1 PDZ (DHR) domain and belongs to the peptidase S1C family. HtrA2 can be released from the mitochondria during apoptosis and uses its four most N-terminal amino acids to mimic a caspase and be recruited by IAP caspase inhibitors such as XIAP and CIAP1/2. It 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. The protein cleaves THAP5 and promotes its degradation during apoptosis.

Product Info

Amount : 500 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH7.5.

Amino Acid : Recombinant Human HTRA2 is produced by our Mammalian expression system and the target gene encoding Ala134-Glu458 is expressed with a 6His tag at the C-terminus.