

## HTRA2 Human Recombinant

<b>Item Number</b>	rAP-1386
<b>Synonyms</b>	Serine protease HTRA2 mitochondrial, EC 3.4.21.108, High temperature requirement protein A2, Htra2, Omi stress-regulated endoprotease, Serine proteinase OMI, Serine protease 25, OMI, PARK13, PRSS25.
<b>Description</b>	Htra2 Human Recombinant amino acids 134-458 His-Tag fusion protein produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 36kDa. The Htra2 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O43464
<b>Amino Acid Sequence</b>	MAVPSPPPAS PPSQYNFIAD VVEKTAPAVV YIELDRHPF LGREVPISNG SGFVVAADGL IVTNAHVVD RRRVVRVRLS GDTYEAVVTA VDPVADIATL RIQTKEPLPT LPLGRSADVR QGEFVAMGS PFALQNTITS GIVSSAQRPA RDLGLPQTNV EYIQTDAID FGNAGGPLVN LDGEVIGVNT MKVTAGISFA IPSDRLREFL HRGEKKNSSS GISGSQRRYI GVMMLTLSPS ILAELQLREP SFPDVQHGV L IHKVLGSPA HRA- GLRPGDV ILAIGE QMVQ NAEDVYEAVR TQSQLAVQIR RGRETLTLVY TPEVTEGSHH HHHH.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The protein (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 50mM NaCl, 1mM DTT, and 20% Glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**