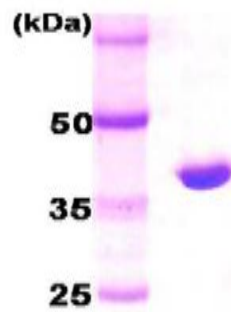


HTRA2

Recombinant Human HtrA2/Omi Inactive (aa 134-458) His

Catalog No.	CSI15674A CSI15674B	Quantity:	100 µg 500 µg
Alternate Names:	Serine protease 25, Omi stress-regulated endoprotease, PRSS25		
Description:	HtrA2/Omi is a mammalian serine protease at high temperatures and has a chaperone activity at low temperature. The full-length HtrA2 is synthesized as a precursor protein and then targeted to the mitochondria where it is matured by the removal of N-terminal 133 residues. Mature HtrA2 consists of a putative transmembrane domain; an inhibitor of apoptosis protein (IAP)-binding motif; a single C-terminal PDZ domain that mediates protein-protein interactions. Recently, HtrA2 has known to contribute both to caspase-dependent and caspase-independent cell death. Mature form of HtrA2/Omi (residues 134-458) was overexpressed in <i>E.coli</i> , and purified by conventional column chromatography techniques.		
Concentration:	0.5 mg/ml (determined by Bradford assay)		
GeneID:	27429		
Protein Accession No:	NP_037379		
Source:	<i>E. coli</i>		
Molecular Weight:	36kDa (334aa), confirmed by MALDI-TOF		
Formulation:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 50 mM NaCl, 1 mM DTT, 20% glycerol		
Purity:	> 95% by SDS - PAGE		
Amino Acid Sequence:	MAVPSPPPAS PPSQYNFIAD VVEKTAPAVV YIEILDRHPF LGREVPISNG SGFVVAADGL IVTNAHVVD RRRVRVRLLS GDTYEAVVTA VDPVADIATL RIQTKEPLPT LPLGRSADVR QGEFVVAMGS PFALQNTITS GIVSSAQRPA RDLGLPQTNV EYIQTDAID FGNAGGPLVN LDGEVIGVNT MKVTAGISFA IPSDRLREFL HRGEKKNSSS GISGSQRRYI GVMMMLTLSPS ILAELQLREP SFPDVQHGVL IHKVLGSPA HRAGLRPGDV ILAIGEQMVQ NAEDVYEAVR TQSQLAVQIR RGRETLTLYV TPEVTEGSHH HHHH		
Application:	SDS-PAGE		
Storage & Stability:	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.		





15% SDS-PAGE (3ug)

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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