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HtrA2/Omi 134-458 Human, Recombinant, His- tagged, E.coli

产品货号: TP02543

第三版

别名: High temperature requirement protein A2, Serine protease 25, Omi stress-regulated endoprotease, PRSS25

描述: 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.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 50 mM NaCl, 1 mM DTT, 20% glycerol

分子量: 36kDa (334aa), confirmed by MALDI-TOF

序列:

MAVPSPPASPPSQYNFIADVVEKTAPAVVYIEILDRHPFLGREVPISNGSGFVVAADGLIVTNAHVVADRRRVVRLLSGD  
TYEAVVTAVDPVADIATLRIQTKEPLPTLPLGRSADVRQGEFVVMGSPFALQNTITSGIVSSAQRPARDLGLPQTNVEYIQ  
TDAIDFGNAGGPLVNLGDEVIGVNTMKVTAGISFAIPSDRLREFLHRGEKKNSSSGISGSQRRYIGVMMLTLSPSILAEQL  
REPSFPDVQHGVLIHKVILGSPAHRAGLRPGDVILAIGEQMVQNAEDVYEAVRTQSQLAVQIRRGRETTLTYVTPEVTEGS  
HHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.