

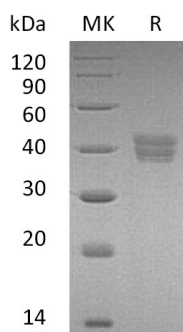
Product Name: Recombinant Human HTRA2 (C-6His)
Catalog #: PHH0812



概述 (Summary)

英文全称	HTRA2/Serine protease HTRA2
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human High Temperature Requirement Protein-2 is produced by our Mammalian expression system and the target gene encoding Ala134-Glu458 is expressed with a 6His tag at the C-terminus.
Accession #	O43464
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	36 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 4mM HCl.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names)	Serine protease HTRA2; mitochondrial;High temperature requirement protein
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背景介绍 (References)

A2;HtrA2;Omi stress-regulated endoprotease;Serine protease 25;Serine proteinase OMI;HTRA2;OMI; PRSS25

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.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.