

Recombinant Human HtrA2 / Omi protein ab48747

画像数 1

製品の詳細

製品名	Recombinant Human HtrA2 / Omi protein		
精製度	> 95 % SDS-PAGE. The mature HtrA2/Omi protein (134-458aa) was overexpressed in E.coli and purified by conventional column chromatography techniques.		
発現系	Escherichia coli		
タンパク質長	Full length protein		
Animal free	No		
由来	Recombinant		
生物種	Human		
配列	MAVPSPPPAS	PRSQYNFIAD	VVEKTAPAVV
	YIEILDRHPF	LGREVPISNG	SGFVVAADGL
	IVTNAHVVD	RRRVVRLLS	GDTYEAVVTA
	VDPVADIATL	RIQTKEPLPT	LPLGRSADVR
	QGEFVVAMGS	PFALQNTITS	GIVSSAQRPA
	RDLGLPQTNV	EYIQTDAID	FGNAGGPLVN
	LDGEVIGVNT	MKVTAGISFA	IPSDRLREFL
	HRGEKKNSSS	GISGSQRRYI	GVMMLTLSPS
	ILAEQLREP	SFPDVQHGVL	IHKVILGSPA
	HRAGLRPGDV	ILAIGEVMVQ	NAEDVYEAVR
	TQSQLAVQIR	RGRETLTLYV	TPEVTEGSHH HHHH

特性

Our **Abpromise guarantee** covers the use of **ab48747** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
製品の状態	Liquid

前処理および保存

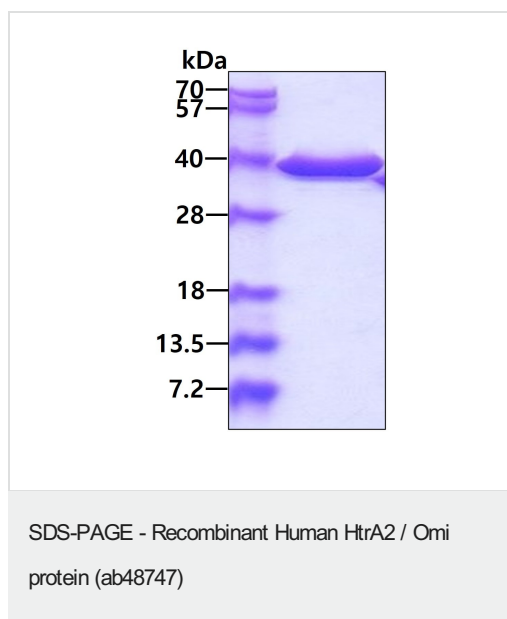
保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

関連情報

機能	Serine protease that shows proteolytic activity against a non-specific substrate beta-casein. 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. Cleaves THAP5 and promotes its degradation during apoptosis. Isoform 2 seems to be proteolytically inactive.
組織特異性	Isoform 1 is ubiquitous. Isoform 2 is expressed predominantly in the kidney, colon and thyroid.
関連疾患	Defects in HTRA2 are the cause of Parkinson disease type 13 (PARK13) [MIM:610297]. A complex neurodegenerative disorder characterized by bradykinesia, resting tremor, muscular rigidity and postural instability, as well as by a clinically significant response to treatment with levodopa. The pathology involves the loss of dopaminergic neurons in the substantia nigra and the presence of Lewy bodies (intraneuronal accumulations of aggregated proteins), in surviving neurons in various areas of the brain.
配列類似性	Belongs to the peptidase S1B family. Contains 1 PDZ (DHR) domain.
ドメイン	The mature N-terminus is involved in the interaction with XIAP. The PDZ domain mediates interaction with MXI2.
翻訳後修飾	Autoproteolytically activated.
細胞内局在	Mitochondrion intermembrane space. Mitochondrion membrane. Predominantly present in the intermembrane space. Released into the cytosol following apoptotic stimuli, such as UV treatment, and stimulation of mitochondria with caspase-8 truncated BID/tBID.

画像



15% SDS-PAGE gel loaded with 3 µg ab48747.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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