

Serine protease HTRA1 Recombinant Protein | HTRA1 recombinant protein

Recombinant Human Serine protease HTRA1

CATALOG #
AAA117504

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

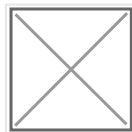
PRODUCT SYNONYMS

Serine protease HTRA1; Recombinant Human Serine protease HTRA1; High-temperature requirement A serine peptidase 1; L56; Serine protease 11; HTRA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	23-480aa; Full Length of Mature Protein
Sequence	QLSRAGRSAP LAAGCPDRCE PARCPPQPEH CEGGRARDAC GCCEVCGAPE GAACGLQEGP CGEGLQCVVP FGVPASATVR RRAQAGLCVC ASSEPVCSD ANTANLCQL RAASRRSERL HRPPVIVLQR GACGQGQEDP NSLRHKYNFI ADVVEKIAPA VVHIELFRKL PFSKREVPVA SGSGFVSED GLIVTNAHVW TNKHRVKVEL KNGATYEAKI KDVDEKADIA LIKIDHQKGL PVLLGRSSE LRPGEFVVAI GSPFSLQNTV TTGIVSTTQR GGKELGLRNS DMDYIQTDAI INYGNSGGPL VNLDGEVIGI NTLKVTAGIS FAIPSDKIKK FLTESHDRQA KGKAITKKKY IGIRMSLTLS SKAKELKDRH RDFPDVISGA YIEVIPDTP AEAGGLKEND VIISINGQSV VSANDVSDVI KRESTLNMVV RRGNEIDIMIT VIPEEIDP
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HTRA1 recombinant protein

Serine protease with a variety of targets, including extracellular matrix proteins such as fibronectin. HTRA1-generated fibronectin fragments further induce synovial cells to up-regulate MMP1 and MMP3 production. May also degrade proteoglycans, such as aggrecan, decorin and fibromodulin. Through cleavage of proteoglycans, may release soluble FGF-glycosaminoglycan complexes that promote the range and intensity of FGF signals in the extracellular space. Regulates the availability of insulin-like growth factors (IGFs) by cleaving IGF-binding proteins. Inhibits signaling mediated by TGF-beta family members. This activity requires the integrity of the catalytic site, although it is unclear whether TGF-beta proteins are themselves degraded. By acting on TGF-beta signaling, may regulate many physiological processes, including retinal angiogenesis and neuronal survival and maturation during development. Intracellularly, degrades TSC2, leading to the activation of TSC2 downstream targets.

Product Categories/Family for HTRA1 recombinant protein

[Signal Transduction](#)

References	"Primary structure of a putative serine protease specific for IGF-binding proteins." Zumbrunn J., Trueb B. FEBS Lett. 398:187-192(1996)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506141
NCBI GeneID	5654
NCBI Accession #	NP_002766.1
NCBI GenBank Nucleotide #	NM_002775.4
UniProt Accession #	Q92743; Q9UNS5; D3DRE4
Molecular Weight	65 kDa
NCBI Official Full Name	serine protease HTRA1
NCBI Official Synonym Full Names	HtrA serine peptidase 1
NCBI Official Symbol	HTRA1
NCBI Official Synonym Symbols	L56; HtrA; ARMD7; ORF480; PRSS11; CARASIL
NCBI Protein Information	serine protease HTRA1
UniProt Protein Name	Serine protease HTRA1
UniProt Gene Name	HTRA1
UniProt Synonym Gene Names	HTRA; PRSS11
UniProt Entry Name	HTRA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/htra1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117504>