Recombinant Human HTRA1 Mutant (R310A, E306A) Protein, Myc/DDK-tagged

Cat. No. HTRA1-129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified mutant recombinant protein of Human HtrA serine peptidase 1 (HTRA1), sidues 161-369aa and mutation at (R310A, E306A) with a Myc/DDK tag was expressed in HEK293
Species	Human
Source	HEK293
ProteinLength	161-369
Description	This gene encodes a member of the trypsin family of serine proteases. This protein is a secreted enzyme that is proposed to regulate the availability of insulin-like growth factors (IGFs) by cleaving IGF-binding proteins. It has also been suggested to be a regulator of cell growth. Variations in the promoter region of this gene are the cause of susceptibility to age-related macular degeneration type 7.
Molecular Mass	22.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 12 months from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

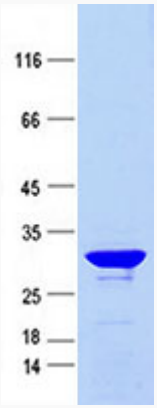
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	> 50 μg/mL as determined by microplate Bradford method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name	HTRA1 HtrA serine peptidase 1 [Homo sapiens (human)]
Official Symbol	HTRA1
Synonyms	HTRA1; HtrA serine peptidase 1; L56; HtrA; ARMD7; ORF480; PRSS11; CARASIL; CADASIL2; serine protease HTRA1; IGFBP5-protease high-temperature requirement A serine peptidase 1; protease, serine, 11 (IGF binding); EC 3.4.21.-
Gene ID	5654
mRNA Refseq	NM_002775
Protein Refseq	NP_002766
MIM	602194
UniProt ID	Q92743

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SDS-PAGE	 Purified recombinant protein HTRA (R310A E306A) was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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