

## Recombinant Human HTRA1 Mutant (K346I) Protein, Myc/DDK-tagged

**Cat. No.** HTRA1-128H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified mutant recombinant protein of Human HtrA serine peptidase 1 (HTRA1), residues 161-369aa and mutation at (K346I) with a Myc/DDK tag was expressed in HEK293                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 161-369                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 22.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                           |
| <b>Stability</b>        | Stable for at least 12 months from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                                        |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto: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

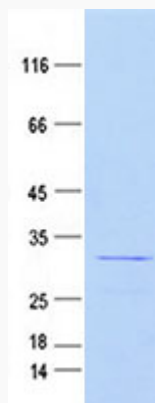
**MIM** 602194

**UniProt ID** Q92743

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

Purified recombinant protein HTRA (K346I) was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA