

## Product datasheet for **TP701130**

### HTRA1 Mutant (R310A, E306A) Human Recombinant Protein

#### Product data:

Product Type:	Mutant Proteins
Description:	Purified mutant recombinant protein of Human HtrA serine peptidase 1 (HTRA1), sidues 161-369aa and mutation at (R310A□E306A□
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC222362, residues 161-369aa of htra1_cat_R310A_E306A
Tag:	Myc-DDK
Predicted MW:	22.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 12 months from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_002766.1</a>
Locus ID:	5654
RefSeq Size:	2133
Cytogenetics:	10q26.13
RefSeq ORF:	1440
Synonyms:	ARMD7; CADASIL2; CARASIL; HtrA; L56; ORF480; PRSS11



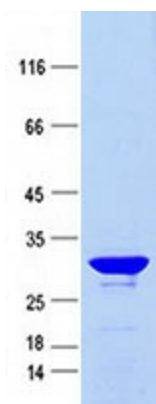
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**Summary:**

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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, Protease, Secreted Protein

**Product images:**

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