# Recombinant Human HTRA4, His-tagged

**Cat. No.** HTRA4-48H **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant human HTRA4 (159-376) protein was expressed in E. coli cells using an N-terminal His-tag. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 159-376 a.a. |
| **Description** | HTRA1 is a serine protease with a conserved trypsin domain and a PDZ domain. As other related family members, HTRA4 may function as a secreted oligomeric chaperone protease to degrade misfolded secretory proteins. HrtA4 may contribute to shallow trophoblast invasion in preeclampsia and imply a potential application as a biomarker for this disorder. |
| **Form** | 50mM Tris-HCl, pH 8.0, 300mM NaCl, 150mM imidazole and 10% glycerol. |
| **Molecular Mass** | ~25 kDa |
| **Applications** | Western Blot |
| **Storage** | Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. |

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| **Concentration** | 0.1ug/ul |

## GENE INFORMATION

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|---|---|
| **Gene Name** | HTRA4 HtrA serine peptidase 4 [ Homo sapiens ] |
| **Official Symbol** | HTRA4 |
| **Synonyms** | HTRA4; HtrA serine peptidase 4; probable serine protease HTRA4; FLJ90724; |
| **Gene ID** | 203100 |
| **mRNA Refseq** | NM_153692 |
| **Protein Refseq** | NP_710159 |
| **MIM** | 610700 |
| **UniProt ID** | P83105 |
| **Chromosome Location** | 8p11.23 |
| **Function** | insulin-like growth factor binding; peptidase activity; serine-type endopeptidase activity; |

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