

Active Recombinant Human HTRA2 protein

Cat. No. HTRA2-2589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human HTRA2 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Ala134-Glu458) of human HTRA2/Omi (Accession #NP_037379.1).
Species	Human
Source	E.coli
ProteinLength	Ala134-Glu458
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Protease activity demonstrated by HtrA2 cleavage of bovine β-casein. Incubation of β-casein at 0.2 mg/mL with Recombinant Human HTRA-2 at 0.02 mg/mL (ratio of 10:1) for 60 minutes at 45°C in 50 mM Tris, pH 8.0, which results in >95% cleavage of β-casein, as revealed by SDS-PAGE.
Molecular Mass	35 kDa
Purity	> 92% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name [HTRA2 HtrA serine peptidase 2 \[Homo sapiens \]](#)

Official Symbol [HTRA2](#)

Synonyms HTRA2; HtrA serine peptidase 2; protease, serine, 25 , PRSS25; serine protease HTRA2, mitochondrial; OMI; PARK13; serine protease 25; protease, serine, 25; serine proteinase OMI; HtrA-like serine protease; Omi stress-regulated endoprotease; high temperature requirement protein A2; PRSS25;

Gene ID [27429](#)

mRNA Refseq [NM_013247](#)

Protein Refseq [NP_037379](#)

MIM [606441](#)

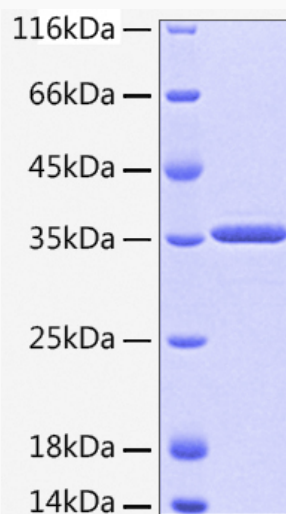
UniProt ID [O43464](#)

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SDS-PAGE



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