

Active Recombinant Human HTRA2 protein

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

SPECIFICATION

Product Overview	Recombinant Human HTRA2 protein(Ala134-Glu458) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	134-458 aa
Form	Lyophilized from a 0.22 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.
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	34.98 kDa
Endotoxin	Please contact us for more information.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.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

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

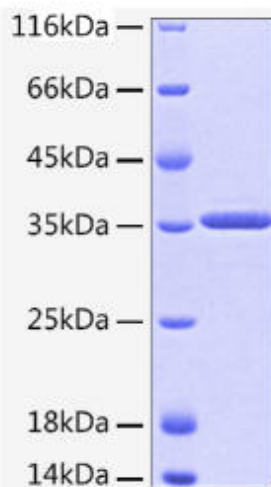
UniProt ID [O43464](#)

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SDS-PAGE



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