

Recombinant Full Length Human HTRA4 Protein, GST-tagged

Cat. No. HTRA4-5718HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTRA4 full-length ORF (AAH57765.1, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	476 amino acids
Description	This gene encodes a member of the HtrA family of proteases. The encoded protein contains a putative signal peptide, an insulin growth factor binding domain, a Kazal protease inhibitor domain, a conserved trypsin domain and a PDZ domain. Based on studies on other related family members, this enzyme may function as a secreted oligomeric chaperone protease to degrade misfolded secretory proteins. Other human HtrA proteins have been implicated in arthritis, tumor suppression, unfolded stress response, apoptosis, and aging. [provided by RefSeq]
Molecular Mass	77.4 kDa
AA Sequence	MIRPQLRTAGLGRCLLPGLLLLLVPVLWAGAEKLHTQPSCPAVCQPTRCPALPTCAL GTPPVFDLCRCCRVCPAAEREVCGGAQGQPCAPGLQCLQPLRPGFPSTCGCPTLG GAVCGSDRRTYPSMCALRAENRAARRLGKVPVAVPVQWGNCGDTGTRSAGPLRRN YNFIAAVVEKVAPSVVHVQLWGRLLHGSRLVPVYSGSGFVSEDGLITNAHVVRNQ QWIEVVLQNGARYEAVVKDIDLKLDLAVIKIESNAELPVLMLGRSSDLRAGEFVVALG SPFSLQNTATAGIVSTKQRRGGKELGMKDSMDYVQIDATINYGNSGGPLVNLGDGVI

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GVNSLRVTDGISFAIPSDRVRQFLAEYHEHQMKGKAFSNKKYLGLQMLSLTVPLSEE
LKMHYPDFPDVSSGVYVCKVFEGTAAQSSGLRDHDVIVNINGKPITTTTDDVVKALDS
DSLMAVLRGKDNLLLTVIPETIN

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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](#)

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UniProt ID

P83105

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