

Full-Length

HTRA4 (Human) Recombinant Protein (P01)

Catalog # H00203100-P01

Size 25 ug, 10 ug

Applications

Specification

Product Description

Human HTRA4 full-length ORF (AAH57765.1, 1 a.a. - 476 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MIRPQLRTAGLGRCLLPGLLLLLVPVLWAGAEKLHTQPSCPAVCQPTRCPALPTCALGTTVPFDL
CRCCRVCPAAEREVCGGAQGQPCAPGLQCLQPLRPGFPSTCGCPTLGGAVCGSDRRTPSMC
ALRAENRAARRLGKVPVPVQWGNCGDTGTRSAGPLRRNYNFIAAVVEKVAPSVVHVQLWGRL
LHGSRLVPVYSGSGFVSEDGLITNAHVVRNQWIEVVLQNGARYEAVVKDIDLKDLAVIKIESNA
ELPVLMLGRSSDLRAGEFVVALGSPFSLQNTATAGMSTKQRGGKELGMKDSMDYVQIDATINY
GNSGGPLVNLDGDVIGVNSLRVTDGISFAIPSDRVRQFLAEYHEHQMKGKAFSNKKYGLQMLSL
TVPLSEELKMHYPDFPDVSSGVYVCKVFEGTAAQSSGLRDHDVNVINGKPITTTDVKALDSDS
LSMAVLRGKDNLLLTVIPETIN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

77.4

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

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

Note

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

Applications

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

Gene Info — HTRA4

Entrez GeneID[203100](#)**GeneBank Accession#**[BC057765.1](#)**Protein Accession#**[AAH57765.1](#)**Gene Name**

HTRA4

Gene Alias

FLJ90724

Gene Description

HtrA serine peptidase 4

Omim ID[610700](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

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