

Recombinant Full Length Human HTRA1 Protein, GST-tagged

Cat. No. HTRA1-5712HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HTRA1 full-length ORF (BAG52446.1, 1 a.a. - 447 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	447 amino acids
Description	This gene encodes a member of the trypsin family of serine proteases. This protein is a secreted enzyme that is proposed to regulate the availability of insulin-like growth factors (IGFs) by cleaving IGF-binding proteins. It has also been suggested to be a regulator of cell growth. Variations in the promoter region of this gene are the cause of susceptibility to age-related macular degeneration type 7. [provided by RefSeq
Molecular Mass	74.9 kDa
AA Sequence	MGWAARPRALAPAAPEALLHSPRRRSPALALSNTYANLCQQRAGVRLLRGVRRAR GRRVRPAGGPVRRGAAVRGALRGASLGHGAAARAGRPLCVRQQLRAASRRSERL HRPPVIVLQRGACGQGQEDPNSLRHKYNFIADVVEKIAPAVVHIELFRKLPFSKREVP VASGSGFVISEDGLIVTNAHVVTNKHRVKVELKNGATYEAKIKDVDEKADIALIKIDHQ GKLPVLLLGRSSELRPGEFVVAIGSPFSLQNTVTTGIVSTTQRGGKELGLRNSDMDYI QTDAIINYGNSGGPLVNL DGEVIGINTLKVTAGISFAIPSDKIKKFLTESHDRQAKGKAI TKKKYIGIRMMSLTSSKAKELKDRHRDFPDVISGAYIIEVIPDTPAEAGGLKENDVIISIN GQSVVSANDVSDVIKRESTLNMVVRGGNEDIMITVIPEEIDP

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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	HTRA1 HtrA serine peptidase 1 [Homo sapiens]
Official Symbol	HTRA1
Synonyms	HTRA1; HtrA serine peptidase 1; protease, serine, 11 (IGF binding) , PRSS11; serine protease HTRA1; HtrA; IGFBP5 protease; IGFBP5-protease; protease, serine, 11 (IGF binding); high-temperature requirement A serine peptidase 1; L56; ARMD7; ORF480; PRSS11;
Gene ID	5654
mRNA Refseq	NM_002775
Protein Refseq	NP_002766
MIM	602194
UniProt ID	Q92743

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