

Product datasheet for PH322362

HTRA1 (NM_002775) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HTRA1 MS Standard C13 and N15-labeled recombinant protein (NP_002766)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222362
Predicted MW:	51.3 kDa
Protein Sequence:	>Peptide sequence encoded by RC222362 Blue=ORF Red=Cloning site Green=Tag(s)

MQIPRAALLPLLLLLAAPASAQLSRAGRSAPLAAGCPDRCEPARCPPQPEHCEGGRARDACGCCCEVCG
APEGAACGLQEGPCGEGLCQVVPFGVPASATVRRRAQAGLCVCASSEPVCGSDANTYANLCQLRAASRR
SERLHRPPVIVLQRGACGQGEDPNLSLRHKYNF IADVVEKIAPAVVHIELFRKLPFSKREVPVASGSGF
IVSEDGLIVTNAHVVTNKHRVKVELKNGATYEAKIKDVDEKADIALIKIDHQGKLPVLLLGRSSELRPG
EFVVAIGSPFSLQNTVTTGIVSTTQRGGKELGLRNSDMDYIQTDAIINYGNSSGGLVNLGDGEVIGINTL
KVTAGISFAIPSDKIKKFLTESHDRQAKGKAITKKKYIGIRMMSLTSSKAKELKDRHRDFPDVISGAYI
IEVIPDTPAEAGGLKENDVIISINGQSVVSANDVSDVIKRESTLNMVRRGNEDIMITVIPEEIDP

Tag:	Recombinant protein using RC222362 also available, TP322362 C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	50 ug/ml as determined by BCA
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	100 mM glycine, 25 mM Tris-HCl, pH 7.3. Store at -80°C. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_002766
RefSeq Size:	2133
RefSeq ORF:	1440
Synonyms:	ARMD7; CADASIL2; CARASIL; HtrA; L56; ORF480; PRSS11
Locus ID:	5654



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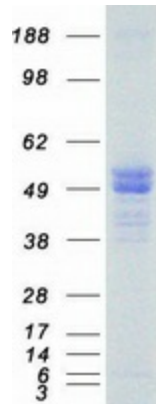
UniProt ID: [Q92743](#)

Cytogenetics: 10q26.13

Summary: 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, Jul 2008]

Protein Families: Druggable Genome, Protease, Secreted Protein

Product images:



Coomassie blue staining of purified HTRA1 protein (Cat# [TP322362]). The protein was produced from HEK293T cells transfected with HTRA1 cDNA clone (Cat# [RC222362]) using MegaTran 2.0 (Cat# [TT210002]).