

Recombinant Full Length Human PRSS8 Protein

Cat. No. PRSS8-404HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PRSS8 with N-terminal proprietary tag. Predicted MW 63.47kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	343 amino acids
Description	This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is highly expressed in prostate epithelia and is one of several proteolytic enzymes found in seminal fluid. The proprotein is cleaved to produce a light chain and a heavy chain which are associated by a disulfide bond. It is active on peptide linkages involving the carboxyl group of lysine or arginine.
Form	Liquid
Molecular Mass	63.470kDa inclusive of tags
AA Sequence	MAQKGVLGPGQLGAVAILLYLGLLRSGTGAEGAEAPCGVA PQARITGGSSAVAGQ WPWQVSITYEGVHVC GGS L VSEQWV LSAAHCFPSEHHKEAYEVKLGAHQ L D S Y S EDAKVSTLKDI IPHPSYLQEGSQGDIALQLSRPITFSRYIRPICLPAANA SFPNGLHC TVTGWGHVAPSVSLLTPKPLQQLEVPLISRET CNCLYNIDAKPEEPHFVQEDMVCA GYVEGGKDACQGDSGG PLSCPVEGLWYLTGIVSWGDACGARNRPGVYTLASSYA SW IQSKVTELQPRVVPQTQESQPDSNL CGSHLAFSSAPAQGL LRPILFLPLGLALG

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	LLSPWLSEH
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	PRSS8 protease, serine, 8 [Homo sapiens]
Official Symbol	PRSS8
Synonyms	PRSS8; protease, serine, 8; prostatic
Gene ID	5652
mRNA Refseq	NM_002773
Protein Refseq	NP_002764
MIM	600823
UniProt ID	Q16651

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