

# Recombinant Full Length Human PRSS8 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human PRSS8 with N-terminal proprietary tag. Predicted MW 63.47kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	343 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	63.470kDa inclusive of tags
<b>AA Sequence</b>	MAQKGVLGPGQLGAVAILLYLGLLRSGTGAEGAEAPCGVA PQARITGGSSAVAGQ WPWQVSITYEGVHVCGGSLVSEQWV LSAAHCFPSEHHKEAYEVKLG AHQLDSYS EDAKVSTLKDI IPHPSYLQEGSQGDIALQLSRPITFSRYIRPICLPAANA SFPNGLHC TVTGWGHVAPSVSLLTPKPLQQLEVPLISRET CNCLYNIDAKPEEPHFVQEDMVCA GYVEGGKDACQGDSGG PLSCPVEGLWYLTGIVSWG DACGARNRPGVYTLASSYA SW IQSKVTELQPRVVPQTQESQPDSNLGSHLAFSSAPAQGL LRPILFLPLGLALG

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	LLSPWLSEH
<b>Purity</b>	Proprietary Purification
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
<b>Storage Buffer</b>	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	PRSS8 protease, serine, 8 [ Homo sapiens ]
<b>Official Symbol</b>	PRSS8
<b>Synonyms</b>	PRSS8; protease, serine, 8; prostatic
<b>Gene ID</b>	5652
<b>mRNA Refseq</b>	NM_002773
<b>Protein Refseq</b>	NP_002764
<b>MIM</b>	600823
<b>UniProt ID</b>	Q16651

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