

## Recombinant Human kallikrein-related peptidase 3 Protein, GST tagged, GFP Labeled

Cat. No. KLK3-07H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	GFP Labeled recombinant Human kallikrein-related peptidase 3 Protein with GST tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	PSA is a member of the kallikrein-related peptidase family and is secreted by the epithelial cells of the prostate gland. PSA is produced for the ejaculate, where it liquefies semen in the seminal coagulum and allows sperm to swim freely. It is also believed to be instrumental in dissolving cervical mucus, allowing the entry of sperm into the uterus. PSA is present in small quantities in the serum of men with healthy prostates, but is often elevated in the presence of prostate cancer or other prostate disorders.
<b>Tag</b>	GST
<b>Conjugation/Label</b>	GFP
<b>Form</b>	Liquid
<b>Purity</b>	> 95% by SDS-PAGE
<b>Specificity</b>	Its proteolytic action is effective in liquefying the coagulum so that the sperm can be

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	liberated.
<b>Applications</b>	Immunofluorescence, FACS, ELISA, Western blot, protein-protein interactions, Pull-down assay,
<b>Storage</b>	At -80 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS solution, contains 10 mM glutation.
<b>Shipping</b>	Ice pack

## GENE INFORMATION

<b>Gene Name</b>	KLK3 kallikrein-related peptidase 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	KLK3
<b>Synonyms</b>	KLK3; kallikrein-related peptidase 3; APS, kallikrein 3, (prostate specific antigen); prostate-specific antigen; PSA; seminin; P-30 antigen; kallikrein-3; semenogelase; gamma-seminoprotein; prostate specific antigen; APS; hK3; KLK2A1
<b>Gene ID</b>	354
<b>mRNA Refseq</b>	NM_001030047
<b>Protein Refseq</b>	NP_001025218
<b>MIM</b>	176820

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UniProt ID

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