

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

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

SPECIFICATION

Product Overview	GFP Labeled recombinant Human kallikrein-related peptidase 3 Protein with GST tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Tag	GST
Conjugation/Label	GFP
Form	Liquid
Purity	> 95% by SDS-PAGE
Specificity	Its proteolytic action is effective in liquefying the coagulum so that the sperm can be

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name	KLK3 kallikrein-related peptidase 3 [Homo sapiens (human)]
Official Symbol	KLK3
Synonyms	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
Gene ID	354
mRNA Refseq	NM_001030047
Protein Refseq	NP_001025218
MIM	176820

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UniProt ID

P07288

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