



**Creative Enzymes**

*Diagnostic Enzymes*

## Human PEK Protein (GST-Tag), Recombinant

### Product Information

<b>Cat#</b>	TRA-697
<b>Specification</b>	5µg(min)
<b>Description</b>	The cytoplasmic domain of human PEK with the A704S mutation was generated as an N-terminal GST fusion protein 94 kDa using an E. coli expression system. GST-PEK was purified by sequential glutathione sepharose and anion exchange chromatography.
<b>Applications</b>	For use as a positive control in PERK detection assays for ER stress research.
<b>Synonyms</b>	EIF2AK3, PEK, PERK, WRS
<b>Source</b>	E. coli
<b>Molecular Weight</b>	94 kDa
<b>Class</b>	Serine/Threonine Kinase
<b>Group</b>	Other
<b>Family</b>	PEK
<b>Gene Name</b>	EIF2AK3   eukaryotic translation initiation factor 2 alpha kinase 3
<b>Sequence</b>	536-1116 (end)
<b>Accession Number</b>	NP_004827.4
<b>Tag</b>	GST-Tag
<b>Tag Location</b>	N-terminal GST
<b>Storage Buffer</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH 7.5
<b>Storage</b>	Store at -80°C. Avoid repeating freeze-thaws.

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