



**Creative Enzymes**

*Diagnostic Enzymes*

## Human CHAK1 Protein (GST-Tag), Recombinant

### Product Information

<b>Cat#</b>	TRA-523
<b>Specification</b>	5µg(min)
<b>Description</b>	The catalytic domain of human CHAK1 was generated as an N-terminal GST fusion protein 107 kDa in a baculovirus expression system. GST-CHAK1 was isolated by glutathione sepharose chromatography.
<b>Applications</b>	For use in research assays for CHAK1 as a diagnostic marker in synaptic function.
<b>Synonyms</b>	TRPM7,ALSPDC,CHAK,CHAK1,LTRPC7,LTrpC-7,TRP-PLIK
<b>Source</b>	Insect (sf21)
<b>Molecular Weight</b>	107 kDa
<b>Class</b>	Serine/Threonine Kinase
<b>Group</b>	Atypical
<b>Family</b>	Alpha
<b>Gene Name</b>	TRPM7   transient receptor potential cation channel, subfamily M, member 7
<b>Sequence</b>	1158-1865
<b>Accession Number</b>	NP_060142.3
<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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