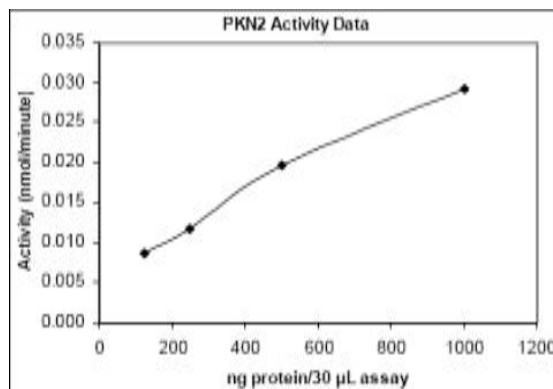


## Recombinant Human PRK2/PKN2 GST Tagged

<b>Catalog No.</b>	CSI13455	<b>Quantity:</b>	10 µg
<b>Description:</b>	Recombinant Human full-length protein, GST-tagged, additional C-terminal amino acids GGRADPAFLYKVMPWIRNSKAYVDELN. No special measures were taken to activate this kinase.		
<b>Concentration:</b>	0.5 mg/ml		
<b>Source:</b>	Insect cells		
<b>Molecular Weight:</b>	141.5 kDa		
<b>Formulation:</b>	Liquid in a buffer of 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton® X-100 + 2 mM DTT + 50% Glycerol.		
<b>Purity:</b>	≥75% as determined by a Coomassie blue-stained SDS-PAGE gel.		
<b>Endotoxin Level:</b>	<0.1 ng/µg of protein.		
<b>Specific Activity:</b>	13 nmole of phosphate transferred to MAPKAPK2 peptide substrate (KKLNRTLVA) per minute per mg of total protein at 30°C. Activity determined at a final protein concentration of 16.7 µg/ml.		
<b>Storage &amp; Stability:</b>	Store at -80°C. At first use, aliquot and store at -80°C to avoid multiple freeze-thaws. If properly stored at -80°C, this product is guaranteed for 6 months from date of purchase.		

Assay Conditions: The enzyme was pre-diluted in enzyme dilution buffer and assayed in 25 mM Tris, pH 7.5 + 10 mM MgCl<sub>2</sub> + 0.5 mM EGTA + 0.5 mM Na<sub>3</sub>VO<sub>4</sub> + 5 mM β- glycerophosphate + 2.5 mM DTT + 0.01% Triton® X-100 + 200 µM ATP + 16 µg/reaction MAPKAP peptide substrate and trace [32P]-γ-ATP for 10 minutes at 30°C.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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