

## Recombinant Human CAMK1 with His Tag

<b>Catalog No.</b>	CSI13390	<b>Quantity:</b>	10 µg
<b>Alternate Names:</b>	Calcium/calmodulin-dependent Protein Kinase I, CaM kinase I, CaMKI-alpha, Gaip		
<b>Description:</b>	Recombinant human full length CAMK1 with His tag		
<b>Concentration:</b>	0.36 mg/ml		
<b>Gene ID:</b>	8536		
<b>Protein Accession No:</b>	NP_003647		
<b>Source:</b>	Insect cells		
<b>Molecular Weight:</b>	45.4 kDa		
<b>Formulation:</b>	Liquid in 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>	≥ 90% as determined by SDS-PAGE analysis		
<b>Specific Activity:</b>	1353 nmole of phosphate transferred to Autocamide-2 peptide substrate (KKALRRQETVDAL) per minute per mg of total protein at 30°C. Activity determined at a final protein concentration of 0.83 µg/ml.		
<b>Storage &amp; Stability:</b>	Stable for 6 months in working aliquots at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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

