

## MERTK

### Recombinant Human c-Mer Proto-oncogene Tyrosine Kinase (aa 578-872) GST-Tagged

<b>Catalog No.</b>	CSI13437	<b>Quantity:</b>	10 µg
<b>Alternate Names:</b>	MER, c-Mer, STK Kinase		
<b>Description:</b>	Recombinant human MERTK catalytic domain (amino acids 578-872) containing GST tag and additional C-terminal amino acids KGGRADPAFLYKVV. MERTK is a tyrosine kinase proto-oncogene and is involved in the retinal pigment epithelium (RPE) phagocytosis pathway, which is implicated in human retinal disease. No special measures were taken to activate this kinase.		
<b>Concentration:</b>	0.41 mg/ml		
<b>Gene ID:</b>	10461		
<b>Protein Accession No:</b>	NP_006334		
<b>Source:</b>	Insect cells		
<b>Molecular Weight:</b>	63.4 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>	≥ 95% as determined by SDS-PAGE analysis		
<b>Specific Activity:</b>	64 nmole of phosphate transferred to poly [Glu,Tyr] 4:1 substrate per minute per mg of total protein at 30°C. Activity determined at a final protein concentration of 4 µg/ml.		
<b>Storage &amp; Stability:</b>	Stable for 6 months in working aliquots at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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