

## Recombinant Human TEC (N-GST tag)

Cat No:HR2R1987

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	TEC
Gene ID	N/A
Accession	NM_003215
Alternative Name	PSCTK4, MGC126760, MGC126762
Species	Human
Source	Insect cells
Description	TEC is a member of the Tec family of non-receptor protein-tyrosine kinases that are involved in the intracellular signaling mechanisms of cytokine receptors, lymphocyte surface antigens, heterotrimeric G-protein coupled receptors, and integrin molecules. TEC is an integral component of T cell signaling and has a distinct role in T cell activation. Defects in TEC may be associated with myelodysplastic syndrome. TEC plays a crucial role in regulating FGF2 secretion under various physiological conditions and it inhibits CD25 expression in human T-lymphocyte .
Functions	The specific activity of TEC was determined to be 10 nmol/min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	103
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.