

Bioactive

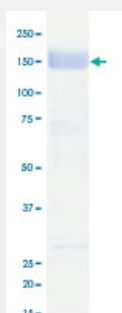
Full-Length

TTK (Human) Recombinant Protein

Catalog # P5808

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human TTK (NP_003309.2, 1 a.a. - 857 a.a.) full-length recombinant protein with GST tag expressed in Baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	123
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	85 % by SDS-PAGE/CBB staining

Activity	The activity was determined by ELISA. The enzyme was incubated with biotinylated peptide in strept avidin-coated ELISA plate. Phosphorylation was detected by HRP-labeled anti-phospho antibody. Substrate : Lyn substrate peptide. ATP: 20 μ M.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.1% CHAPS, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — TTK

Entrez GeneID	7272
Protein Accession#	NP_003309.2
Gene Name	TTK
Gene Alias	ESK, FLJ38280, MPS1, MPS1L1, PYT
Gene Description	TTK protein kinase
Omim ID	604092
Gene Ontology	Hyperlink
Other Designations	phosphotyrosine picked threonine kinase (PYT)

Pathway

- [Cell cycle](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)