

Recombinant Full Length Dictyostelium Discoideum Seven Transmembrane Domain-Containing Tyrosine-Protein Kinase 1(7Tmk1) Protein, His-Tagged

Cat. No. RFL18809DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dictyostelium discoideum Seven transmembrane domain-containing tyrosine-protein kinase 1(7tmk1) Protein (Q54N73) (1-691aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dictyostelium Discoideum
Source	E.coli
ProteinLength	Full Length (1-691)
Form	Lyophilized powder
AA Sequence	MDTSCVSINQCGFCTYLFNRSIPLAGEGDGAIMFNTMVDSMALGYIFSALYLLFRLQR SY TYLQKSSNNNGNGNGNGSSNNDIISINSSNGLNRSGVKISQDTLWDKNFGISID HPRII NSTYFKYTLFVSLWLA FEGLLLLFLPPNSLAYPAFVIIVGTGHIVTDNWWLVFLY GKEDD RFSARRSFYSCTLLYLIICCTTLASFFDDQTMCKKND CQTFMFQDEYTS LAI TVASLVVY TIVLGMTIKRSFLRPTGRIWLLFLMGYN CISSVGALLNILDVDAGYCFLGI AAIIYSFSY GPLLFRTCGNDTNLLRARGEFLPLL TNFQEYTS LFGRESISTSGEGATT ALQLSAFYIRF NEFKFGQVIGEGYFGEVRKAVWKGAVVAVKILHRNSFRNTDGNKE ENVFLKEVAILSILR HPNVLQFLGVCSETNLNGIVTEYMG GGS LDRLLTD RYFLIKQN PILAWNMAISIARGMFY LHDWKPNPILHRDLSTKNILLDES LTI AKVADFGLSKEQGF EMTSTVGHL CYQAPEVFIG ELYTPKADVYSFGLLVWC IITGEQPNQNLQPLKMAHLA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AYENYRPPMPQPMWENLGK LIEMCWKKSPEERPSFSFILDLEANVPISNTYV
PPLKCISDNSVSNFNNNNNTLNNGS TNNLGLLTLSFSTLNLQKQGGGAEEFHYID
G

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name 7tmk1

Synonyms 7tmk1; DDB_G0285463; Seven transmembrane domain-containing tyrosine-protein kinase 1

UniProt ID [Q54N73](#)

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