

Recombinant Full Length Dictyostelium Discoideum Seven Transmembrane Domain-Containing Serine/Threonine-Protein Kinase 2(7Tmk2) Protein, His-Tagged

Cat. No. RFL13362DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dictyostelium discoideum Seven transmembrane domain-containing serine/threonine-protein kinase 2(7tmk2) Protein (Q54U65) (1-704aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dictyostelium Discoideum
Source	E.coli
ProteinLength	Full Length (1-704)
Form	Lyophilized powder
AA Sequence	MPSKEFIPLILLCFYSVNGFVAVISSLVLFHFKASWNSIKIFFYSLILQCLCRCIII GW GMIETVQGGFYSNFP SLLFISYAGLVALQMIQFLPNDNQYLLLSEGKKNNHKVKVG T NILIFFNL FMYFGMFLLF GIAEKQVGNSTSFNHHGNHNSTTSTSTDEIPLVSTEVGE LYL FGDKDPIYIVLDCFYFVCLLLLLIFHSYVGWKTYKRNKDLFGIKLNVHLILLICIFIR S LLVIIDPSSPNN SILHIDTESWLIYIYTISYYVVG EIPGM LLIVIEFLLPYHKRKDFIN IG GELSSYQDVW KSENIAIHELLGMGGSGAMVHKCTVKKGPLRGGTFAVKVMKDCTN EDI E SLENEIRVYEKLKSPYIVSYQGSSKVGSSGQIFEIRLFMEYIPHTLDKYLLARS VCGD SNGGGSSRN LKNYFLHMQEYQSSPQSSISYYQNNNNNNNNNSPLIQPQQQQ QYVYPYYFRY SQVWYLYQISIGLDNLHANKIAHRDLKSNNIFVTLSESEVKICKIGDF DISRSFNNPKV LNVLSNPTALQQQKLNNFFQSATTTTTTTEQTTEPIEVAATTTTPQTIH

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SAFQHDILSFGFI VLDFTLSNYSCFDSKFDTSNYYDDDKFNNKSNTKIKKPDLPDYI
KKDEKLWEPVIQLYK SCTSDDPNKRPSLGVKFHLANLYKDIIESGTEVWSIEKDSS
SK

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 7tmk2

Synonyms 7tmk2; DDB_G0281331; Seven transmembrane domain-containing serine/threonine-protein kinase 2

UniProt ID [Q54U65](#)

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