

Recombinant Mouse Vrk2 Protein, His&GST-tagged

Cat. No. Vrk2-575M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Vrk2 Protein (Met1-Glu234) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Glu234
Description	Enables protein serine/threonine kinase activity. Acts upstream of or within protein autophosphorylation. Located in endoplasmic reticulum; membrane; and nuclear envelope. Is expressed in several structures, including cerebral cortex; dorsal mesogastrium; gonad; hemolymphoid system; and yolk sac. Orthologous to human VRK2 (VRK serine/threonine kinase 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.1 kDa Accurate Molecular Mass: 57 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Vrk2 vaccinia related kinase 2 [*Mus musculus* (house mouse)]

Official Symbol

Vrk2

Synonyms

VRK2; vaccinia related kinase 2; serine/threonine-protein kinase VRK2; vaccinia-related kinase 2; vaccinia virus BIR kinase related kinase 2; AI447698; 2810003O05Rik

Gene ID

69922

mRNA Refseq

NM_001252447

Protein Refseq

NP_001239376

UniProt ID

Q8BN21

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