

RPPB5135

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## Product Information    Protein Information

**Product SKU:**

RPPB5135

**Accession:**

Q8IV63

**Host:**

E.coli.

**Protein description:**

VRK3 Human Recombinant produced in E. coli is a single polypeptide chain containing 497 amino acids (1-474) and having a molecular mass of 55.3 kDa. VRK3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Serine/threonine-protein pseudokinase VRK3, vaccinia related kinase 3, inactive serine/threonine-protein kinase VRK3.

**Formulation:**

The VRK3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 40% glycerol.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMISFCPD CGKSIQAAFK FCPYCGNSLP VEEHVGSQTF VNPHVSSFQG  
SKRGLNSSFE TSPKKVKWSS TVTSPRLSLF SDGDSSSESED TLSSERSKSG SGRPPTPKS SPQKTRKSPQ  
VTRGSPQKTS CSPQKTRQSP QTLKRSRVTT SLEALPTGTV LTDKSGRQWK LKSFQTRDNQ GILYEAPTS  
TLTCDSPGPK QKFSCLKLDAK DGRLFNEQNF FQRAAKPLQV NKWKKLYSTP LLAIPTCMGF GVHQDKYRFL  
VLPSLGRSLQ SALDVSPKHV LSERSVLQVA CRLLEDALEFL HENEYVHGNV TAENIFVDPE DQSQVTLAGY  
GFAFRYCPSG KHVAYVEGSR SPHEGDLEFI SMDLHKGCGP SRRSDLQSLG YCMLKWLYGF LPWTNCLPNT  
EDIMKQKQKF VDKPGPFVGP CGHWIRPSET LQKYLKVVMA LTYEEKPPYA MLRNNLEALL QDLRVSPYDP  
IGLPMVP