

## Vaccinia Related Kinase 3 Human Recombinant

<b>Item Number</b>	rAP-3801
<b>Synonyms</b>	Serine/threonine-protein pseudokinase VRK3, vaccinia related kinase 3, inactive serine/threonine-protein kinase VRK3.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	Q8IV63
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGS MISFCPD CGKSIQAAFK FCPYCGNSLP VEEHVGSQTF VNP HVSS FQG SKRGLNSSFE TSPKVKWSS TVTSPRLSLF SDGDSESED TLSSSERSKG SGS- RPPTPKS SPQKTRKSPQ VTRGSPQKTS CSPQKTRQSP QTLKR SRVTT SLEALPTGTV LTDKSGRQWK LKS FQTRDNQ GILYEAAPTS TLTCDSGPQK QKFSLKLD AK DGRLFNEQNF FQRAAKPLQV NKWK KLYSTP LLA IPTCMGF GVHQDKYRFL VLP SLGRSLQ SALDVSPKHV LSERSVLQVA CRL LDAL EFL HENEYVHGNV TAENIFVDPE DQSQVTLAGY GF AFRYCP SG KHVAYVEGSR
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The VRK3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 40% glycerol. Greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**