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VRK3, 1-474aa, Human, His tag, E.coli

产品货号: TP04487

第三版

**别名:**Inactive serine/threonine-protein kinase VRK3, Vaccinia related kinase 3

**描述:**VRK3, also known as inactive serine/threonine-protein kinase, belongs to the protein kinase superfamily. In both human and mouse, this gene has substitutions at several residues within the ATP binding motifs that in other kinases have been shown to be required for catalysis. In vitro assays indicate the protein lacks phosphorylation activity. The protein, however, likely retains its substrate binding capability. VRK3 is widely expressed in human tissues and its protein localizes to the nucleus. Recombinant human VRK3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**配方:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

**分子量:**55.3 kDa (497aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMISFCPCGKSIQAAFKFCPCYCGNSLPVEEHVGSQTFVNPHVSSFQGSKRGLNSSFE  
TSPKKVKWSSTVTSPLSLFSDGDSSEEDTLSSERSKSGSRPPTPKSSPQKTRKSPQVTRGSPQKTSCSPQKTRQSPQTLKR  
SRVTTSLALPTGTVLTDKSGRQWKLKSFQTRDNQGILYEAAPTSTLTCDSGPQKQKFSKLDKDGRLFNEQNFFQRAAK  
PLQVNWKKLYSTPLLAIPTCMGFGVHQDKYRFLVPLSLGRSLQSALDVSPKHVLSERSVLQVACRLLDALEFLHENEYVH  
GNVTAENIFVDPEDQSQVTLAGYGFAPRYCPSGKHVAYVEGSRPHEGDLEFISMDLHKGCGPSRRSDLQSLGYCMLKWL  
YGFLPWTNCLPNTEDIMKQKQKFVDKPGPFVGPCHWIRPSETLQKYLKVVMMALTYEEKPPYAMLRNNLEALLQDLRVS  
PYDPIGLPMVP

**纯度:**> 95% by HPLC

**浓度:**0.25 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.