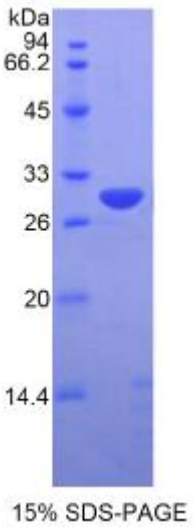
YB92600Hu01 100μg
Vaccinia Related Kinase 1 (VRK1)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

6th Edition (Revised in March, 2013)

[PROPERTIES]



15% SDS-PAGE

Residues: Gly46~Glu292 (Accession # Q99986), with N-terminal His-Tag.

Host: *E. coli*

Subcellular Location: Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, spindle.

Purity: >95%

Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Predicted isoelectric point: 8.1

Predicted Molecular Mass: 29.9kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8^{o}C for one month.

Aliquot and store at -80^{o}C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37^{o}C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with N-terminal His-Tag, its sequence is listed below.

MGHHHHHHSGS- GGFGC IYLADMNSSE SVGSDAPCVV KVEPSDNGPL FTELKFYQRA AKPEQIQKWI RTRKLKYLGV PKYWGSGLHD KNGKSYRFMI MDRFGSDLQK IYEANAKRFS RKTVLQLSLR ILDILEYIHE HEYVHGDIKA SNLLLNYKNP DQVYLVDYGL AYRYCPEGVH KEYKEDPKRC HDGTIEFTSI DAHNGVAPSR RGDLEILGYC MIQWLTGHLP WEDNLKDPKY VRDSKIRYRE NIASLMDKCF PE