

**HYKK, 1-373aa, Human, His tag, E.coli**

**Cat.NO.: TP02545**

3th Edition

**Synonyms:**Hydroxylysine kinase, AGPHD1, Aminoglycoside phosphotransferase domain-containing protein 1, LOC123688

**Description:**MGSSHHHHHH SSGLVPRGSH MGSMSSGNYQ QSEALSKPTF SEEQASALVE SVFGLKVS<sub>KV</sub> RPLPSYDDQN FHVYVSKTKD GPTEYVLKIS NTKASKNPDL IEVQNHIIMF LKAAGFPTAS VCHTKGDNTA SLVSVDSGSE IKSYLVRLLT YLPGRPIAEL PVSPQLLYEI GKLAALKDKT LQRFHHPKLS SLHRENIWN LKNVPLEKY LYALGQNRNR EIVEHVIHLF KEEVMTKLSH FRECINHGDL NDHNILIESS KSASGNAEYQ VSGILDFGDM SYGYYVFEVA ITIMYMMIES KSPIQVGGHV LAGFESITPL TAVEKGALFL LVCSRFCQSL VMAAYSCQLY PENKDYLMVT AKTGWKHLQQ MFDMGQKAVE EIWFETA<sub>KSY</sub> ESGISM

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 40% glycerol, 1mM DTT, 0.1mM PMSF

**Molecular Weight:**44.3 kDa (396aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMSSGNYQQSEALSKPTFSEEQASALVESVFGLKVS<sub>KV</sub>RPLPSYDDQNFHVY VSKTKDGPTEYVLKISNTKASKNPDLIEVQNHIIMFLKAAGFPTASVCHTKGDNTASLVSVDSGSEIKSYLVRLLTYLP GRPIAELPVSPQLLYEIGKLAALKDKTLQRFHHPKLSLHRENIWNLKNVPLEKYLYALGQNRNREIVEHVIHLFKE EVMTKLSHFRECI<sub>NHGDL</sub>NDHNILIESSKSASGNAEYQVSGILDFGDM<sub>SYGYYVFEVA</sub>ITIMYMMIESKSP<sub>IQVGGHV</sub>LAGFESITPLTAVEKGALFLLVCSRFCQSLVMAAYSCQLYPENKDYLMVTAKTGWKHLQQMFDMGQKAVEEIWFETA<sub>KSY</sub>ESGISM

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

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

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.