

## 32-3032: HYKK Recombinant Protein

**Alternative Name :** Hydroxylysine kinase,AGPHD1,5-hydroxy-L-lysine kinase,HYKK,Aminoglycoside phosphotransferase domain-containing protein 1.

### Description

Source : E.coli. HYKK Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 396 amino acids (1-373a.a) and having a molecular mass of 44.3kDa.HYKK is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Hydroxylysine Kinase, also known as HYKK, is a Protein Coding gene. HYKK which is a part of the aminoglycoside phosphotransferase family catalyzes the GTPdependent phosphorylation of 5-hydroxy-L-lysine.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** HYKK solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4), 40% glycerol, 1mM DTT and 0.1mM PMSF.  
**Storage condition :** 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 :** MGSSHHHHHH SSGLVPRGSH MGSMSGGNYQ QSEALSKPTF SEEQASALVE SVFGLKVKSV  
RPLPSYDDQN FHVYVSKTKD GPTEYVLKIS NTKASKNPDL IEVQNHIIMF LKAAGFPTAS VCHTKGDNTA  
SLVSVDSGSE IKSYLVRLLT YLPGRPIAEL PVSPQLLYEI GKLAALKDKT LQRFHHPKLS SLHRENFIWN  
LKNVPLLEKY LYALGQNRNR EIVEHVIHLF KEEVMTKLSH FRECIHGDLD NDHNILIESS KSASGNAEYQ  
VSGILDFGDM SYGYYVFEVA ITIMYMMIES KSPIQVGGHV LAGFESITPL TAVEKGALFL LVCSRFCQSL  
VMAAYSCQLY PENKDYLMTV AKTGWKHLQQ MFDMGQKAVE EIWFETAKSY ESGISM.