

Recombinant Human hydroxylysine kinase, His-tagged

Cat. No. HYKK-631H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HYKK, 1-373aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-373 a.a.
Description	MGSSHHHHHH SSGLVPRGSH MGSMSSGNYQ QSEALSKPTF SEEQASALVE SVFGLKVSKV RPLPSYDDQN FHVYVSKTKD GPTEYVLKIS NTKASKNPDL IEVQNHIIMF LKAAGFPTAS VCHTKGDNTA SLVSVDSGSE IKSylvRLLT YLPGRPIAEL PVSPQLLYEI GKLAALKDKT LQRFHHPKLS SLHRENFIWN LKNVPLLEKY LYALGQNRNR EIVEHVIHLF KEEVMTKLSH FRECINHGDL NDHNILIESS KSASGNAEYQ VSGILDFGDM SYGYYVFEVA ITIMYMMIES KSPIQVGGHV LAGFESITPL TAVEKGALFL LVCSRFCQSL VMAAYSCQLY PENKDYLMTV AKTGWKHLQQ MFDMGQKAVE EIWFETAKSY ESGISM
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 40% glycerol, 1mM DTT, 0.1mM PMSF
Molecular Mass	44.3 kDa (396aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSSGNYQ QSEALSKPTF SEEQASALVE SVFGLKVSKV RPLPSYDDQN FHVYVSKTKD GPTEYVLKIS NTKASKNPDL IEVQNHIIMF LKAAGFPTAS VCHTKGDNTA SLVSVDSGSE IKSylvRLLT

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YLPGRPIAEL PVSPQLLYEI GKLAALKDKT LQRFHHPKLS SLHRENIWN
 LKNVPLLEKY LYALGQNRNR EIVEHVIHLF KEEVMTKLSH FRECIHGD
 NDHNILIESS KSASGNAEYQ VSGILDFGDM SYGYYVFEVA ITIMYMMIES
 KSPIQVGGHV LAGFESITPL TAVEKGALFL LVCSRFCQSL VMAAYSCQLY
 PENKDYLMT AKTGWKHLQQ MFDMGQKAVE EIWFETAKSY ESGISM

Purity >90% by SDS - PAGE

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

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [HYKK hydroxylysine kinase \[Homo sapiens \(human\) \]](#)

Official Symbol HYKK

Synonyms HYKK; AGPHD1; hydroxylysine kinase; 5-hydroxylysine kinase; 5-hydroxy-L-lysine kinase; aminoglycoside phosphotransferase domain containing 1; aminoglycoside phosphotransferase domain-containing protein 1; NP_001013641.2; EC 2.7.1.81; NP_001077081.1

Gene ID [123688](#)

mRNA Refseq [NM_001013619](#)

Protein Refseq [NP_001013641](#)

MIM [614681](#)

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UniProt ID	A2RU49
Chromosome Location	15q25.1
Function	hydroxylysine kinase activity

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