Recombinant Human HYKK Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HYKK-2736H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AGPHD1 MS Standard C13 and N15-labeled recombinant protein (NP_001013641) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Catalyzes the GTP-dependent phosphorylation of 5-hydroxy-L-lysine.
Molecular Mass	41.8 kDa
AA Sequence	MSSGNYQQSEALSKPTFSEEQASALVESVFGLKVSKVRPLPSYDDQNFHVYVSKTK DGPTEYVLKISNTKASKNPDLIEVQNHIIMFLKAAGFPTASVCHTKGDNTASLVSVDS GSEIKSYLVRLLTYLPGRPIAELPVSPQLLYEIGKLAAKLDKTLQRFHHPKLSSLHREN FIWNLKNVPLLEKYLYALGQNRNREIVEHVIHLFKEEVMTKLSHFRECINHGDLNDHN ILIESSKSASGNAEYQVSGILDFGDMSYGYYVFEVAITIMYMMIESKSPIQVGGHVLAG FESITPLTAVEKGALFLLVCSRFCQSLVMAAYSCQLYPENKDYLMVTAKTGWKHLQQ MFDMGQKAVEEIWFETAKSYESGISMTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

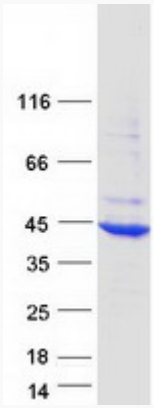
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HYKK hydroxylysine kinase [Homo sapiens (human)]
Official Symbol	HYKK
Synonyms	HYKK; hydroxylysine kinase; AGPHD1; hydroxylysine kinase; 5-hydroxy-L-lysine kinase; 5-hydroxylysine kinase; aminoglycoside phosphotransferase domain-containing protein 1; EC 2.7.1.81
Gene ID	123688
mRNA Refseq	NM_001013619
Protein Refseq	NP_001013641
MIM	614681
UniProt ID	A2RU49

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SDS-PAGE	

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