

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

Cat. No. HYI-5479H **Lot. No.** (See product label)

SPECIFICATION

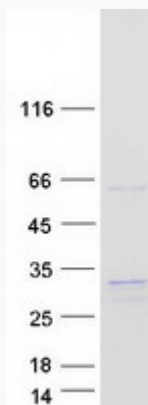
Product Overview	HYI MS Standard C13 and N15-labeled recombinant protein (NP_112484) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a putative hydroxypyruvate isomerase, which likely catalyzes the conversion of hydroxypyruvate to 2-hydroxy-3-oxopropanoate, and may be involved in carbohydrate transport and metabolism. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	24.1 kDa
AA Sequence	MGLGAVPGRQAAFREGLEQAVRYAKALGCPRIHLMAGRVPQGADRIAVKAEMEAV FLENLRHAAGVLAQEDLVGLLEPINTRITDPQYFLDTPQQAAAILQKVGRPNLQLQMD IFHWQIMDGNLTGNIREFLPIVGHVQVAQVPGRGEPSSPGELNFPYLFQLLENEGYK GFVGCEYQPRGDTVEGLSWLRSYWDRRATQRLASEGPHHTTHVPPDSETRTRPLEQ KLISEEDLAANDILDYKDDDDKV
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	HYI hydroxypyruvate isomerase (putative) [Homo sapiens (human)]
Official Symbol	HYI
Synonyms	HYI; hydroxypyruvate isomerase (putative); hydroxypyruvate isomerase homolog (E. coli); putative hydroxypyruvate isomerase; HT036; hydroxypyruvate isomerase homolog; endothelial cell apoptosis protein E-CE1; MGC20767; RP11-506B15.5;
Gene ID	81888
mRNA Refseq	NM_031207
Protein Refseq	NP_112484
MIM	619128
UniProt ID	Q5T013

SDS-PAGE

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