

Recombinant Human HYI Protein, GST-tagged

Cat. No. HYI-5259H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HT036 full-length ORF (AAH06140, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Aug 2011]
Molecular Mass	49.61 kDa
AA Sequence	MGLGAVPGRQAAFREGLEQAVRYAKALGCPRIHLMAGRVPQGADRIAVKAEMEAV FLENLRHAAGVLAQEDLVGLLEPINTRITDPQYFLDTPQQAAAILQKVGRPNLQLQMD IFHWQIMDGNLTGNIREFLPIVGHVQVAQVPGRGEPSSPGELNFPYLFQLLENEGYK GFVGCHEYQPRGDTVEGLSWLRSYWDRRATQRLASEGPHTTHVPPDSE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HYI hydroxypyruvate isomerase (putative) [Homo sapiens]
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_001190880
Protein Refseq	NP_001177809
UniProt ID	Q5T013