

Product datasheet for TP33118L

HYI (NM_001190880) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hydroxypyruvate isomerase (putative) (HYI), transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC231118 representing NM_001190880 Red =Cloning site Green =Tags(s)

MAPLRFSANLSWLFPELSGLPARVRAAGSSGFEAVEVAWPYAETPEALARAAREAGLRLVLINTPPGDQE
KGEMGLGAVPGRQAAFREGLEQAVRYAKALGCPRIHLMAGRVPQGADRIAVKAEMEAVFLENLRHAAGVL
AQEDLVGLLEPINTRITDPQYFLDTPQQAAAILQKVGRPNLQLQMDIFHWQIMDGNLTGNIREFLPIVGH
VQVAQVPGRGEPSSPGELNFPYLFQLLEDEGYKGFVGCYQPRGDTVEGLSWLRSYWDRRGHPEAGQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	30.9
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001177809</u>
Locus ID:	81888



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UniProt ID: [Q5T013](#)

Cytogenetics: 1p34.2

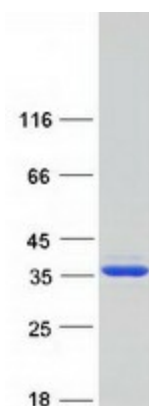
RefSeq ORF: 831

Synonyms: HT036

Summary: 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]

Protein Pathways: Glyoxylate and dicarboxylate metabolism, Metabolic pathways

Product images:



Coomassie blue staining of purified HYI protein (Cat# [TP331118]). The protein was produced from HEK293T cells transfected with HYI cDNA clone (Cat# [RC231118]) using MegaTran 2.0 (Cat# [TT210002]).