

Recombinant Human PDHA1 protein, His&Myc-tagged

Cat. No. PDHA1-4465H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDHA1 protein(P08559)(31-390aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	31-390aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.5 kDa
AA Sequence	ANDATFEIKKCDLHRLEEGPPVTTVLTRDGLKYYRMMQTVRRMELKADQLYKQKII RGFCHLCDGQEACCVGLEAGINPTDHLITAYRAHGFTFTRGLSVREILAEALTGRKGG CAKGKGGSMHMYAKNFYGGNGIVGAQVPLGAGIALACKYNGKDEVCLTLYGDGAA NQGQIFEAYNMAALWKLPCIFICENNRYGMGTSEVERAAASTDYYKRGDFIPGLRVD GMDILCVREATRFAAAYCRSGKGPILMELQTYRYHGHSMSPGVSYRTREEIQEVR SKSDPIMLLKDRMVNSNLASVEELKEIDVEVRKEIEDAAQFATADPEPPLEELGYHIY SSDPPFEVRGANQWIKFKSVS
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
GENE INFORMATION	
Gene Name	PDHA1 pyruvate dehydrogenase (lipoamide) alpha 1 [Homo sapiens]
Official Symbol	PDHA1
Synonyms	PDHA1; pyruvate dehydrogenase (lipoamide) alpha 1; PDHA; pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial; PDHE1-A type I; pyruvate dehydrogenase complex, E1-alpha polypeptide 1; PHE1A; PDHCE1A;
Gene ID	5160
mRNA Refseq	NM_000284
Protein Refseq	NP_000275
MIM	300502
UniProt ID	P08559