

Recombinant Human PDHA1 protein, His&GST-tagged

Cat. No. PDHA1-245H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDHA1 protein(P08559-1) (Phe30-Ser390) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	30-390 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% gly, pH 8.0.
Molecular Mass	The recombinant human PDHA1/GST chimera consists of 598 amino acids and has a calculated molecular mass of 68 kDa. The recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

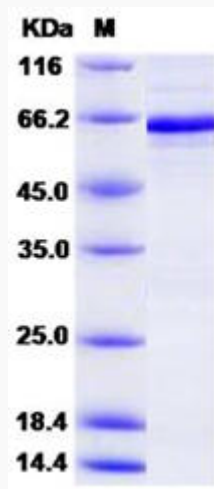
Gene Name	PDHA1 pyruvate dehydrogenase (lipoamide) alpha 1 [Homo sapiens]
Official Symbol	PDHA1
Synonyms	PDHA1; pyruvate dehydrogenase (lipoamide) alpha 1; PDHA; pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial; PDHE1-A type I; pyruvate dehydrogenase complex, E1-alpha polypeptide 1; PHE1A; PDHCE1A;
Gene ID	5160
mRNA Refseq	NM_000284
Protein Refseq	NP_000275
MIM	300502
UniProt ID	P08559

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SDS-PAGE



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