

**Human Trifunctional enzyme subunit alpha, mitochondrial (a.a.37-763)**

Swiss-Prot #	P40939
Protein names	Trifunctional enzyme subunit alpha, mitochondrial (TP-alpha) (78 kDa gastrin-binding protein) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)]
Gene names	HADHA (HADH)
Organism	Human

Codon optimized cDNA Clone

cDNA Cat#	PEP-0659
Description	Applications:1. Codon-optimized cDNA sequence designed for recombinant protein production in both E.coli and Mammalian cell. The cDNA has been cloned into E.coli expression vector with 6x Histidine at N-terminus. 2. May be used as RNAi assistance to restore the loss-of-function.

Tag A 6x histidine tag

Formulation Liquid

Storage -20° to -70° C. Avoid repeated freeze-thaw cycles.

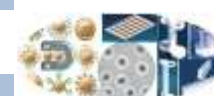
Recombinant Protein

Protein Cat#	PE-0659
Source	Recombinant protein derived from E.coli. Or plant cell
Tag	A 6x histidine tag
Formulation	Liquid
Purity	> 90%, as determined by SDS-PAGE under reducing conditions
Activity	N/A
Applications	Western Blot, ELISA or may be used for other applications determined by user
Storage	-20° to -70° C. Avoid repeated freeze-thaw cycles.

Sequence
TRTHINYGKGDVAVVRINSPNSKVNLTSLKELHSEFSEVMNEIWASDQIRSAVLISSKPGCFIAGADINMLAACKTLQE
VTQLSQEAQRIVEKLEKSTKPIVAAINGSLGGGLEVAISCQYRIATKDRKTVLGTPEVLLGALPGAGGTQRLPKMVG
PAALDMMLTGRSIRADRAKKMGLVDQLVEPLGPGPKPEERTIEYLEEVAITFAKGLADKKISPKRDKGLVEKLTAYAM
TIPFVRQQVYKKVEEKVRKQTKGLYPAPLKI IDVVKTGIEQGS DAGYLCE SQKFGE LVMTKESKALMGLYHGQVLCKKN
KFGAPQKDVKHLAILGAGLMGAGIAQVSVDKGLKTI LKDATLTALDRGQQQVFKGLNDKVKKKALTSFERDSI

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Recombinant-Human-TP-alpha-Protein-cDNA-HADHA-HADH-TP-alpha

recombinant, protein, codon, optimized, cDNA, P40939, Human, HADHA, HADH, Trifunctional, enzyme, subunit, alpha, mitochondrial, TP-alpha, 78, kDa, gastrin-binding, protein, [Includes: Long-chain, enoyl-

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