

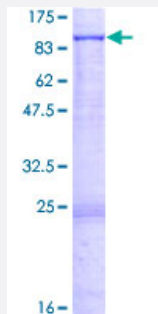
Full-Length

EHHADH (Human) Recombinant Protein (P01)

Catalog # H00001962-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EHHADH full-length ORF (NP_001957.2, 1 a.a. - 723 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEYTRLHNALALIRLRNPPVNAISTLLRDIKEGLQKAVIDHTIKAMICGAEGKFSAGADIRGFSAPR
TFGLTLGHVVDEIQRNEKPVVAAIQGMAFGGGLALGCHYRIAHAEAQVGLPEVTLGLLPGARGT
QLLPRLTGVPAALDLITSGRRILADEALKLGILDKVVNSDPVEEAIRFAQRVSDQPLESRRLCNKPI
QSLPNMDSIFSEALLKMRRQHPGCLAQEACVRAVQAAVQYPYEVGIKKEEELFLYLLQSGQARAL
QYAFFAERKANKWSTPSGASWKTASARPVSSVGVLGTMGRGMISFARARIPVIAVDSCKNQL
ATANKMITSVLEKEASKMQQSGHPWSGPKPRLTSSVKELGGVDLVIEAVFEEMSLKKQVFAELS
AVCKPEAFLCTNTSALDVDEIASSTDRPHLVIGTHFFSPAHVMLLEVIPSYSSPTTIATVMNLSK
KIKKIGVVVGNCFGVGNRMLNPYQAYFLLEEGSKPEEVDQVLEEFGFKMGPFVRVSDLAGLD
VGWKSRLKGGQGLTGPTLLPGTPARKRGNRRYCPIDVLCLEGRFGQKTGKGWYQYDKPLGRIHKP
DPWLSKFLSRYRKTHHIEPTISQDEILERCLYSLINEAFRILGEGIAASPEHIDVVYLHGYGWPRHK
GGPMFYASTVGLPTVLEKLQKYRQNPDIQLEPSDYLLKSLASQGNPPLKEWQSLAGSPSSKL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

105.9

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EHHADH

Entrez GeneID	1962
GeneBank Accession#	NM_001966.2
Protein Accession#	NP_001957.2
Gene Name	EHHADH
Gene Alias	ECHD, LBFP, LBP, MGC120586, PBFE
Gene Description	enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase
Omim ID	607037
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	3,2-trans-enoyl-CoA isomerase L-bifunctional protein, peroxisomal

Pathway

- [Benzoate degradation via CoA ligation](#)

- [beta-Alanine metabolism](#)
- [Butanoate metabolism](#)
- [Caprolactam degradation](#)
- [Fatty acid metabolism](#)
- [Limonene and pinene degradation](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)
- [PPAR signaling pathway](#)
- [Propanoate metabolism](#)
- [Tryptophan metabolism](#)
- [Valine](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)