Recombinant Human Peroxisomal bifunctional enzyme (EHHADH)

Product Code	CSB-EP600104HU-B
Abbreviation	EHHADH
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q08426
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAEYTRLHNA LALIRLRNPP VNAISTTLLR DIKEGLQKAV IDHTIKAIVI CGAEGKFSAG ADIRGFSAPR TFGLTLGHVV DEIQRNEKPV VAAIQGMAFG GGLELALGCH YRIAHAEAQV GLPEVTLGLL PGARGTQLLP RLTGVPAALD LITSGRRILA DEALKLGILD KVVNSDPVEE AIRFAQRVSD QPLESRRLCN KPIQSLPNMD SIFSEALLKM RRQHPGCLAQ EACVRAVQAA VQYPYEVGIK KEEELFLYLL QSGQARALQY AFFAERKANK WSTPSGASWK TASARPVSSV GVVGLGTMGR GIVISFARAR IPVIAVDSDK NQLATANKMI TSVLEKEASK MQQSGHPWSG PKPRLTSSVK ELGGVDLVIE AVFEEMSLKK QVFAELSAVC KPEAFLCTNT SALDVDEIAS STDRPHLVIG THFFSPAHVM KLLEVIPSQY SSPTTIATVM NLSKKIKKIG VVVGNCFGFV GNRMLNPYYN QAYFLLEEGS KPEEVDQVLE EFGFKMGPFR VSDLAGLDVG WKSRKGQGLT GPTLLPGTPA RKRGNRRYCP IPDVLCELGR FGQKTGKGWY QYDKPLGRIH KPDPWLSKFL SRYRKTHHIE PRTISQDEIL ERCLYSLINE AFRILGEGIA ASPEHIDVVY LHGYGWPRHK GGPMFYASTV GLPTVLEKLQ KYYRQNPDIP QLEPSDYLKK LASQGNPPLK EWQSLAGSPS SKL
Source	E.coli
Target Names	EHHADH
Protein Names	Recommended name: Peroxisomal bifunctional enzyme Short name= PBE Short name= PBFE Including the following 2 domains: Enoyl-CoA hydratase/3,2-trans-enoyl-CoA isomerase EC= 4.2.1.17 EC= 5.3.3.8 3-hydroxyacyl-CoA
Expression Region	1-723
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a bifunctional enzyme and is one of the four enzymes of the

	peroxisomal beta-oxidation pathway. The N-terminal region of the encoded protein contains enoyl-CoA hydratase activity while the C-terminal region contains 3-hydroxyacyl-CoA dehydrogenase activity. Defects in this gene are a cause of peroxisomal disorders such as Zellweger syndrome. Two transcript variants encoding different isoforms have been found for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.