

Product datasheet

Recombinant Human HADHB protein (His tag)
(denatured) ab202260

1 Image

Description

Product name	Recombinant Human HADHB protein (His tag) (denatured)	
Purity	> 90 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	P55084	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSAAPAVQTKTKKTLAKPNIRNVVVVDGVRTPFLLSGTS YKDLMPHDLA RAALTGLLHRTSVPKEVVDYIIFGTVIQEVKTSNVAREAALG AGFSDKTP AHTVTMACISANQAMTTGVGLIASGQCDVIVAGGVELMSD VPIRHSRKMR KLMLDLNKAKSMGQRLSLISKFRFNFLAPELPAVSEFSTS ETMGHSADRL AAFAVSRLEQDEYALRSHSLAKKAQDEGLLSDVVPFKV PGKDTVTKDNG IRPSSLEQMAKLPKAFIKPYGTVTAANSSFLTDGASAMLIM AEEKALAMG YKPKAYLRDFMYVSQDPKDLLLGPTYATPKVLEKAGLTM NDIDAFEFHE AFSGQILANFKAMDSDWFAENYMGRKTKVGLPPLEKFNN WGGSLSLGHPF GATGCRLVMAAANRLRKEGGQYGLVAACAAGGQGHAMI VEAYPK</p>	
Predicted molecular weight	50 kDa including tags	
Amino acids	34 to 474	
Tags	His tag N-Terminus	

Additional sequence information Mature protein without signal peptide. NCBI Accession No.: NP_000174.

Description Recombinant Human HADHB protein (His tag)

Specifications

Our [Abpromise guarantee](#) covers the use of **ab202260** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 90% Phosphate Buffer, 10% Glycerol (glycerin, glycerine)

General Info

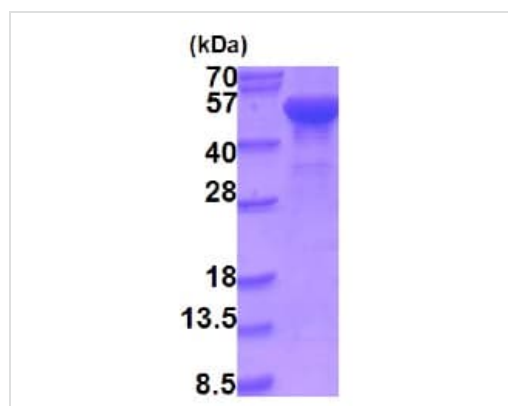
Pathway Lipid metabolism; fatty acid beta-oxidation.

Involvement in disease Defects in HADHB are a cause of trifunctional protein deficiency (TFP deficiency) [MIM:609015]. The clinical manifestations are very variable and include hypoglycemia, cardiomyopathy and sudden death. Phenotypes with mainly hepatic and neuromyopathic involvement can also be distinguished. Biochemically, TFP deficiency is defined by the loss of all three enzyme activities of the TFP complex.

Sequence similarities Belongs to the thiolase family.

Cellular localization Mitochondrion.

Images



15% SDS-PAGE analysis of ab202260 (3 µg)

SDS-PAGE - Recombinant Human HADHB protein
(His tag) (denatured) (ab202260)

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