

GCDH recombinant protein

Recombinant Human GCDH Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263204	E Coli	Human	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

GCDH; Recombinant Human GCDH Protein; Glutaryl-CoA dehydrogenase mitochondrial; GCD; GCDH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Liquid in 0.2 uM filtered solution of 20mM HEPES, 150mM NaCl, pH 7.4.
Sequence	MNHKVHHHHH HMRPEFDWQD PLVLEEQLTT DEILIRDTR TYCQERLMPR ILLANRNEVF HREIISEMGE LGVLGPTIKG YGCAGVSSVA YGLLARELER VDSGYRSAMS VQSSLVMHPI YAYGSEEQRQ KYLPQLAKGE LLGCFGLTEP NSGSDPSSME TRAHYNSSNK SYTLNGTKTW ITNSPMADLF VVWARCEDGC IRGFLEKGM RGLSAPRIQG KFSLRASATG MIIMDGVEVP EENVLPGASS LGGPFGCLNN ARYGIAWGV L GASEFCLHTA RQYALDRMQF GVPLARNQLI QKKLADMLTE ITLGLHACLQ LGRLKDQDKA APEMVSL LKR NNC GKALDIA RQARDMLGGN GISDEYHVIR HAMNLEAVNT YEGTHDIHAL ILGRAITGIQ AFTASK
Sequence Length	438
Applicable Applications for GCDH recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze/thaw cycles.
Preparation and Storage	Store it at -20°C to -80°C for one year.

ADDITIONAL INFORMATION

Related Product Information for GCDH recombinant protein	Recombinant Human GCDH Protein is produced by our E Coli expression system and the target gene encoding Arg45-Lys438 is expressed with a 6His tag at the N-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503943
NCBI GeneID	2639
NCBI Accession #	NP_000150.1
NCBI GenBank Nucleotide #	NM_000159.3
UniProt Accession #	Q92947 ; O14719 ; A8K2Z2
NCBI Official Full Name	glutaryl-CoA dehydrogenase, mitochondrial isoform a
NCBI Official Synonym Full Names	glutaryl-CoA dehydrogenase

NCBI Official Symbol	GCDH
NCBI Official Synonym Symbols	GCD; ACAD5
NCBI Protein Information	glutaryl-CoA dehydrogenase, mitochondrial
UniProt Protein Name	Glutaryl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	GCDH
UniProt Synonym Gene Names	GCD
UniProt Entry Name	GCDH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/gcdh-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263204>