

Human GCDH Recombinant Protein



RPPB1680

Product Information Protein Information

Product SKU:

RPPB1680

Accession:

Q92947

Host:

Escherichia Coli.

Protein description:

GCDH Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 415 amino acids (45-438 a.a.) and having a molecular mass of 45.8 kDa. The GCDH is fused to 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

ACAD5, GCD, EC 1.3.99.7, GCDH, Glutaryl-Coenzyme A Dehydrogenase, glutaryl-CoA dehydrogenase.

Formulation:

0.5mg/ml solution containing 20mM Tris-HCl, pH-8, 5mM DTT, 0.2M NaCl & 20% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MRPEFDWQDP LVLEEQLTDD EILIRDTFRT YCQERLMPRI LLANRNEVFH
REIISEMGEL GVLGPTIKGY GCAGVSSVAY GLLARELERV DSGYRSAMSV QSSLVMHPIY AYGSEQRQK
YLPQLAKGEL LGCFGLTEPN SGSDPSSMET RAHYNSSNKS YTLNGTKTWI TNSPMADLFV VWARCEDGCI
RGFLLEKGM R GLSAPRIQ GK FSLRASATGM IIMDGVEVPE ENVLPGASSL GPGFGLNNA RYGIAWGVLG
ASEFCLHTAR QYALDRMQFG VPLARNQLIQ KKLADMLTEI TLGLHACLQL GRLKDQDKAA PEMVSLKRN
NCGKALDIAR QARDMLGGNG ISDEYHVIRH AMNLEAVNTY EGTTHDIHALI LGRAITGIQA FTASK.