

Human ALDH6A1 Recombinant Protein



RPPB1390

Product Information Protein Information

Product SKU:

RPPB1390

Accession:

Q02252

Host:

Escherichia Coli.

Protein description:

ALDH6A1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 525 amino acids (34-535 a.a) and having a molecular mass of 56.8kDa. ALDH6A1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

MMSADHA, MMSDH , Aldehyde Dehydrogenase 6 Family, Member A1, Methylmalonate-Semialdehyde Dehydrogenase [Acylating], Mitochondrial, Mitochondrial Acylating Methylmalonate-Semialdehyde Dehydrogenase, Malonate-Semialdehyde Dehydrogenase [Acylating], Aldehyde Dehydrogenase Family 6 Member A1, Malonate-Semialdehyde Dehydrogenase, EC 1.2.1.18, EC 1.2.1.27.

Formulation:

ALDH6A1 protein solution (0.25mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Purity:

Greater than 85.0% 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 MGSSSVPTV KFIGGKFVE SKSDKWIDH NPATNEVIGR VPQATKAEMD
AAIASCKRAF PAWADTSVLS RQVLLRYQQ LIKENLKEIA KLITLQGKT LADAEGDVFR GLQVVEHACS
VTSLMMGETM PSITKMDLY SYRLPLGVCA GIAPNFPAM IPLWMFPMAM VCGNTFLMKP SERVPGATML
LAKLLQDSGA PDGTLNIIHG QHEAVNFICD HPDIKAISFV GSNKAGEYIF ERGSRHGKRV QANMGAKNHG
VVMPPDANKEN TLNQLVGA AF GAAGQRCMAL STAVLVGEAK KWLPELVEHA KNLRVNAGDQ PGADLGPLIT
PQAKERV CNL IDSGTKEGAS ILLDGRKIKV KGYENGNFVG PTIISNVKPN MTCYKEEIFG PVLVVLETET
LDEAIQIVNN NPYGNGTAF TTNGATARKY AHLVDVGQVG VNVPIVPLP MFSFTGSRSS FRGDTNFYGK
QGIQFYTLK TITSQWKEED ATLSSPAVVM PTMGR.