

Mouse ALDH2 Recombinant Protein



RPPB5803

Product Information Protein Information

Product SKU:

RPPB5803

Accession:

P47738

Host:

Escherichia Coli.

Protein description:

ALDH2 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 523 amino acids (20-519 a.a) and having a molecular mass of 56.8kDa. ALDH2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Aldehyde dehydrogenase, mitochondrial, AHD-M1, ALDH class 2, ALDH-E2, ALDHI.

Formulation:

ALDH2 protein e solution (0.5mg/ml) containing Phosphate buffered saline(pH7.4), 20% glycerol and 1mM DTT.

Purity:

Greater than 85% 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 MGSSAAATSA VPAPNHQPEV FCNQIFINNE WHDAVSRKTF PTVNPSTGEV
ICQVAEGNKE DVDKAVKAAR AAFQLGSPWR RMDASDRGRL LYRLADLIER DRTYLAALET LDNGKPYVIS
YLDLDMVLK CLRYAGWAD KYHGKTIPIID GFFSYTRHE PVGVCGQIIP WNFPLLMQAW KLGALATGN
VVVMKVAEQT PLTALYVANL IKEAGFPPGV VNIVPGFGPT AGAAIASHEG VDKVAFTGST EVGHLIQVAA
GSSNLKRVTI ELGGKSPNII MSDADMDWAV EQAHFALFFN QGQCCAGSR TFVQENVYDE FVERSVARAK
SRVVGPNPFD S RTEQGPQVDE TQFKKILGYI KSGQQEGAKL LCGGGAADR GYFIQPTVFG DVKDGMTIAK
EEIFGPVMQI LKFKTIEEVV GRANDSKYGL AAVFTKDL D KANYLSQALQ AGTVWINCYD VFGAQSPFGG
YKMSGSGREL GEYGLQAYTE VKTVTVKVPQ KNS.