

Aldehyde Dehydrogenase 2 Mouse Recombinant

Item Number	rAP-1051
Synonyms	Aldehyde dehydrogenase, mitochondrial, AHD-M1, ALDH class 2, ALDH-E2, ALDHI.
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.
Uniprot Accession Number	P47738
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSAAATSA VPAPNHQPEV FCNQIFINNE WHDAVSRKTF PTVNPSTGEV ICQVAEGNKE DVDKAVKAAR AAFQLGSPWR RMDASDRGRL LYRLADLIER DRTYLAALET LDNGKPYVIS YLVLDMLVK CLRYAGWAD KYHGKTIPID GDFFSYTRHE PVGVCQIIP WNFPLMQAW KLGPALATGN VVVMKVAEQT PLTALYVANL IKEAGFPPGV VNIVPGFGPT AGAAIASHEG VDKVAFTGST EVGHLIQVAA GSSNLKRVTL ELGGKSPNII MSDADMDWAV EQAHFALFFN QGCCCCAGSR TFVQENVYDE
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	ALDH2 protein e solution (0.5mg/ml) containing Phosphate buffered salin(pH7.4), 20% glycerol and 1mM DTT. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**