

Product datasheet for **TP508315**

Aldh2 (NM_009656) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse aldehyde dehydrogenase 2, mitochondrial (Aldh2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208315 representing NM_009656 Red =Cloning site Green =Tags(s)

MLRAALTTVRRGPRLSRLLSAAATS AV PAPHQPEVFCNQIFINNEWHDAVSRKTFPTVNPSTGEVICQV
AEGNKEDVDKAVKAARAA FQLGSPWRRMDASDRGRLLYRLADLIERDRTYLAALETLDNGKPYVISYLVLD
LDMVLKCLRYAGWADKYHGKTIPIDGDFSYTRHEPVGVCQIIPWNFPLLMQAWKLG PALATGNVWVM
KVAEQTPLTALYVANLIKEAGFP PGVWNIVPGFGPTAGAAIASHEGV DKVAFTGSTEVGHLIQVAAGSSN
LKRVTLELGGKSPNIIMSDADMDWAVEQAHFALFFNQQCCAGSRTFVQENVYDEFVERSVARAKSRV
GNPFDSRTEQGPQVDETQFKKILGYIKSGQQEGAKLLCGGGAAADRGYFIQPTVFGDVKDGMTIAKEEIF
GPMQILKFKTIEEVVGRANDSKYGLAAAVFTKDL DKANYLSQALQAGTVWINCYDVFGAQSPFGGYKMS
GSGRELGEYGLQAYTEVKTVTKVPQKNS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033786



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Locus ID: 11669

UniProt ID: [Q544B1](#), [P47738](#)

RefSeq Size: 3883

Cytogenetics: 5 F

RefSeq ORF: 1557

Synonyms: Ahd-5; AHD-M1; Ahd5; ALDH-E2; ALDHI

Summary: Is capable of converting retinaldehyde to retinoic acid.[UniProtKB/Swiss-Prot Function]