

Recombinant Rat Aldh2 protein, His-tagged

Cat. No. Aldh2-5673R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Aldh2 protein(P11884)(20-519aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	20-519aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

SAAATSAVPAPNQQPEVFCNQIFINNEWHDAVSKKTFPTVNPSTGEVICQVAEGNKE
 DVDKAVKAAQAAFQLGSPWRRMDASDRGRLLYRLADLIERDRTYLAALETLDNGKP
 YVISYLVLDLDMVLKCLRYAGWADKYHGKTIPIDGDFFSYTRHEPVGVCGQIIPWNF
 PLLMQAWKLGPALATGNVVMKVAEQTPLTALYVANLIKEAGFPPGVVNIVPGFGPT
 AGAAIASHEDVDKVAFTGSTEVGHILQVAAGSSNLKRVTLLEGGKSPNIIMSDADMD
 WAVEQAHFALFFNQGGQCCAGSRTFVQEDVYDEFVERSVARAKSRVVGPNPFDST
 EQGPQVDETQFKKILGYIKSGQQEGAKLLCGGGAAADRGYFIQPTVFGDVKDGMTI
 AKKEIFGPVMQILKFKTIEEVVGRANNSKYGLAAAVFTKDLKANYLSQALQAGTVWI
 NCYDVFGAQSPFGGYKMSGSGRELGEYGLQAYTEVKTVTVKVPQKNS

GENE INFORMATION

Gene Name [Aldh2 aldehyde dehydrogenase 2 family \(mitochondrial\) \[Rattus norvegicus \]](#)

Official Symbol [Aldh2](#)

Synonyms ALDH2; aldehyde dehydrogenase 2 family (mitochondrial); aldehyde dehydrogenase, mitochondrial; ALDH1; ALDH-E2; ALDH class 2; mitochondrial aldehyde dehydrogenase; aldehyde dehydrogenase 2, mitochondrial;

Gene ID [29539](#)

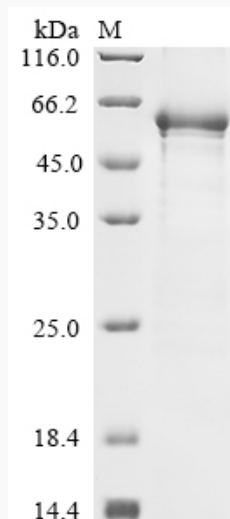
mRNA Refseq [NM_032416](#)

Protein Refseq [NP_115792](#)

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SDS-PAGE

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