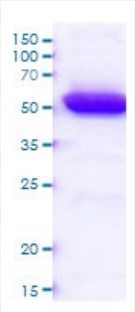
Bioactive

Aldh2 (Mouse) Recombinant Protein

Catalog # P6962 Size 50 ug

Applications



Specification

Product Description	Mouse Aldh2 (NP_033786, 20 a.a. - 519 a.a.) partial recombinant protein with His tag expressed in *Escherichia coli*.
Host	Mouse
Theoretical MW (kDa)	56.8
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	> 1 EU per 1ug of protein (determined by LAL method)
Activity	Specific activity is > 180 pmol/min/ug, and was obtained by measuring the increase of NADH in absorbance at 340 nm resulting from the reduction of NAD at pH 8.0 at 25°C.
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (1 mM DTT, 20% glycerol)

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Storage Instruction	Stored at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

Applications

- SDS-PAGE

Gene Info — Aldh2

Entrez GeneID	11669
Protein Accession#	NP_033786
Gene Name	Aldh2
Gene Alias	Ahd-5, Ahd5
Gene Description	aldehyde dehydrogenase 2, mitochondrial
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTMUSP00000027439|mitochondrial aldehyde dehydrogenase 2

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