

Recombinant Human ALDH1A2 Protein

Catalog Number:PDEH100057



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	AL1A2;Aldehyde dehydrogenase family 1 member A2;AV116159;MGC26444;RALDH 2;RALDH(II);Retinal dehydrogenase 2
Species	Human
Expression Host	E.coli
Sequence	Pro27-Ser518
Accession	O94788
Calculated Molecular Weight	58.8 kDa
Observed molecular weight	50 kDa
Tag	N-His & C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4., 5% trehalose, 5% mannitol, 0.01% tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print
Reconstitution	Please refer to the printed manual for detailed information.

Background

Recognizes as substrates free retinal and cellular retinol-binding protein-bound retinal. Does metabolize octanal and decanal but does not metabolize citral, benzaldehyde, acetaldehyde and propanal efficiently.

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