

Recombinant Human ALDH1A2 protein ab125987

Description

Product name	Recombinant Human ALDH1A2 protein
Purity	> 95 % SDS-PAGE. Purified via His tag
Expression system	Escherichia coli
Accession	<u>O94788</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	KPAEQTPLSALYMGALIKEAGFPPGVINILPGYGPTAGAAIA SHIGIDKI AFTGSTEVGKLIQEAAGRSNLKRVTLLEGGKSPNIIFADAD LDYAVEQAH QGVFFNQGCCTAGSRIFVEESYEEFVRRSVERAKRRVV GSPFDPTTEQ GPQIDKKQYNKILELIQSGVAEGAKLECGGKGLGRKGFFIE PTVFSNVT DMRIAKEEIFGPVQEILRFKTMDEVIERANNSDFGLVAAVF TNDINKALT VSSAMQ
Amino acids	210 to 465

Specifications

Our **Abpromise guarantee** covers the use of **ab125987** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
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Reconstitution

Reconstitute with water to desired concentration.

General Info

Function	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.
Pathway	Cofactor metabolism; retinol metabolism.
Sequence similarities	Belongs to the aldehyde dehydrogenase family.
Cellular localization	Cytoplasm.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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