

Full-Length

ALDH1L2 (Human) Recombinant Protein (P01)

Catalog # H00160428-P01

Size 25 ug, 10 ug

Applications

Specification

Product Description

Human ALDH1L2 full-length ORF (AA103936.1, 1 a.a. - 488 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVTFYGSTLLNSSVPPGEPLEIKGAKKPGLVTKNGLVLF GNDGKALTVRNLQFEDGKMIPASQYF
STGETSVVELTAAEVKVAETKVIWAGILSNVPIEDSTDFKSGASSMDVARLVEEIRQKCGGLQL
QNEDVYMATKFEGFIQKVVRKL RGEDQEVELVVDYISKEVNEIMVKMPYQCFINGQFTDADDGKT
YDTINPTDGSTICKVSYASLADVDKAVAAAKDAFENG EWGRMNARERGR LMYRLADLLEENQEE
LATIEALDSGAVYTLALKTHIGMSVQTFRYFAGWCDKI QGSTIPINQARPNRNL TFTKKEPLGVC AIIIP
WNYPLMMLAWKSAACLAAGNTLV LKPAQVTPLTALKFAELSVKAGFPKGVINIIPGSGGIAGQRLS
EHPDIRKLGFTGSTPIGKQIMKSCAVSNLKKVSLELGKSP LIIFNDCELDKAVRMGMGAVFFNKG
ENCIAAGRLFVEESI HDEFVTRVIH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.7

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ALDH1L2

Entrez GeneID[160428](#)**GeneBank Accession#**[BC103935.1](#)**Protein Accession#**[AAI03936.1](#)**Gene Name**

ALDH1L2

Gene Alias

DKFZp686A16126, DKFZp686M064, FLJ38508, MGC119536, MGC119537

Gene Description

aldehyde dehydrogenase 1 family, member L2

Gene Ontology[Hyperlink](#)**Gene Summary**

This gene encodes a protein, which belongs to both the aldehyde dehydrogenase superfamily and the formyl transferase superfamily. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]

Other Designations

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Disease

- [Tobacco Use Disorder](#)