

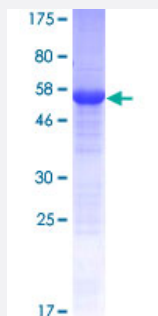
Full-Length

MIOX (Human) Recombinant Protein (P01)

Catalog # H00055586-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MIOX full-length ORF (CAK54459.1, 1 a.a. - 285 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKVTVGPDPSLVYRPDVPDPEVAKDKASFRNYTSGPLLDVFTTYKLMHHTQTVDFVRSKHAQFG
GFSYKKMTVM EAVDLLDGLVDESDPDVDFPNSFHAFQTAEGIRKAHPDKDWFHLVGLLHDLGK
VLALFGEPQWAVVGDTFPVGCRPQASVVFCDSTFQDNPDLDQPRYSELGMYQPHCGLDRL
MSWGHDEYMYQVMKFNKFSLPPEAFYMIRFHSFYFWHTGRDYQQLCSQQDLAMLPWVREFNKF
DLYTKCPDLPDVKLRPYYQGLIDKYCPGILSW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.75

Interspecies Antigen Sequence

Mouse (90); Rat (91)

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 — MIOX

Entrez GeneID[55586](#)**GeneBank Accession#**[CU013028](#)**Protein Accession#**[CAK54459.1](#)**Gene Name**

MIOX

Gene Alias

ALDRL6, MGC90217

Gene Description

myo-inositol oxygenase

Omim ID[606774](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

aldehyde reductase (aldose reductase) like 6|kidney-specific protein 32

Pathway

- [Ascorbate and aldarate metabolism](#)
- [Inositol phosphate metabolism](#)