

Human CellExp™ ABP1/AOC1, Human Recombinant

CATALOG NO: P1558-10 10 µg
P1558-50 50 µg

ALTERNATE NAMES: Amiloride-sensitive amine oxidase, DAO, Diamine oxidase, Amiloride-binding protein 1, Amine oxidase copper domain-containing protein 1, Histaminase, Kidney amine oxidase, KAO, ABP, ABP1, DAO1

MOL. WT. 84.2 kDa (6 x His tag at C terminal)

SOURCE: HEK 293 cells

PURITY: >90% SDS - PAGE

ENDOTOXIN: < 1 EU per 1ug of protein (determined by LAL method)

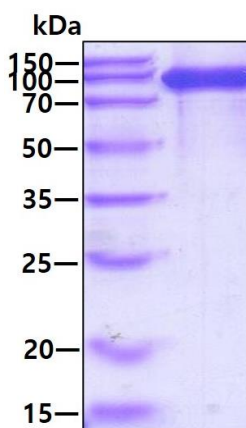
FORM: Liquid

FORMULATION: In Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

STORAGE CONDITIONS: Store at 4°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: ABP1, also known as diamine oxidase (DAO) and amine oxidase copper domain-containing protein 1 (AOC1), is a member of the copper-containing amine oxidase family. This enzyme catalyzes the oxidation of a wide range of biogenic amines including many neurotransmitters, histamine and xenobiotic amines. It has an important role in the catabolism of histamine and other bioactive polyamines. Deficiencies in ABP1 can result in histaminosis or dietary histamine intolerance. This protein is also contributed to Tumor Progression by Promoting the AKT and EMT Pathways in Gastric Cancer. Recombinant human AOC1, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.

AMINO ACID SEQUENCE: 738 aa (aa 20-751)



3 µg by SDS-PAGE under reducing condition and stained by coomassie blue stain

RELATED PRODUCTS:

- Carbonic anhydrase-8, human recombinant (P1047)
- Glutamine Synthetase, human recombinant (P1067)
- Carbonic anhydrase-1, human recombinant (P1048)
- CNTF, human recombinant (4017)

FOR RESEARCH USE ONLY! Not to be used on humans.