

Recombinant Human AOC1 Protein

Catalog #	Source	Reactivity	Applications
CRP1059	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human AOC1 Protein is produced by our mammalian expression system and the target gene encoding Glu20-Val751 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.

Gene Symbol AOC1

Alternative Names ABP1; DAO1; Amiloride-sensitive amine oxidase [copper-containing]; DAO; Diamine oxidase; Amiloride-binding protein 1; Amine oxidase copper domain-containing protein 1; Histaminase; Kidney amine oxidase; KAO

Entrez Gene 26 (Human)

SwissProt P19801 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure EPSPGTLPRK AGVFSDSLNSQ ELKAVHSFLW SKKELRLQPS STTTMAKNTV FLIEMLLPKK YHVLRFLLDKG ERHPVREARA VIFFGDQEHF NVTEFAVGPL PGPCYMRALS PRPGYQSSWA SRPISTAEYA LLYHTLQEAT KPLHQFFLNT TGFSFQDCHD RCLAFTDVAP RGVASGQRRS WLIIQRYVEG YFLHPTGLEL LVDHGSTDAG HWAVEQVWYN GKfyGSPEEL ARKYADGEVD VVVLEDPLPG GKGHDSTEEP PLFSSHKPRG DFPSPHVSF PRLVQPHGPR FRLEGNAVLY GGWSFAFRLR SSSGLQVLNV HFGGERIAYE VSVQEAVLY GGHTPAGMQT KYLDVGVWGLG SVTHELAPGI DCPETATFLD TFHYDADDDP VHYPALCLF EMPTGVPLRR HFNSNFKGGF NfyAGLKGQV LVLRTTSTVY NYDYIWDFIF YPNGVMEAKM HATGYVHATF YTP EGLRHGT RLHTHLIGNI HTHLVHYRVD LDVAGTKNSF QTLQMKLENI TNPWSPRHRV VQPTLEQTQY

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

SWERQAARFR KRKLPKYLFF TSPQENPWGH KRSYRLQIHS MADQVLPPGW
QEEQAITWAR YPLAVTKYRE SELCSSSIYH QNDPWDPV VV FEQFLHNNEN IENEDLVAWV
TVGFLHIPHS EDIPNTATPG NSVGFLLRPF NFFPEDPSLA SRDTVIVWPR DNGPNYVQRW
IPEDRDCSMP PPFYNGTYR PVVDHHHHHH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year.

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