

## Recombinant Human AOC2 protein, His-tagged

**Cat. No.** AOC2-9704H    **Lot. No.** (See product label)

### SPECIFICATION

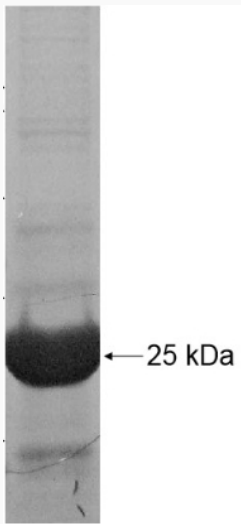
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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human AOC2 protein(168-342 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 168-342 aa                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.        |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| <b>AA Sequence</b>      | LRAEFTQMWRHLKEVELPKAPIFLSSTFNNGSTLAAVHATPRGLRSGDRATWMAL<br>YHNISGVGLFLHPVGLELLLDHRAALDPAHWTVQQVFYLGHHYADLGQLEREFKSGR<br>LEVVRVPLPPPNGASSLRSRNSPGPLPPLQFSPQGSQYSVQGNLVSSLWSFTFGH<br>GVFSGLR                                                     |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                       |

### GENE INFORMATION

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|                        |                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">AOC2</a>                                                                                                                                      |
| <b>Synonyms</b>        | AOC2; amine oxidase, copper containing 2 (retina-specific); retina-specific copper amine oxidase; DAO2; RAO; SSAO; semicarbazide-sensitive amine oxidase; |
| <b>Gene ID</b>         | <a href="#">314</a>                                                                                                                                       |
| <b>mRNA Refseq</b>     | <a href="#">NM_001158</a>                                                                                                                                 |
| <b>Protein Refseq</b>  | <a href="#">NP_001149</a>                                                                                                                                 |
| <b>MIM</b>             | <a href="#">602268</a>                                                                                                                                    |
| <b>UniProt ID</b>      | <a href="#">O75106</a>                                                                                                                                    |
| <b>SDS-PAGE</b>        |                                                                       |