

Recombinant Human AOC2 protein, His&Myc-tagged

Cat. No. AOC2-2523H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AOC2 protein(O75106)(33-756aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	33-756aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	85.3 kDa
AA Sequence	QPPHCPSVSHRAQPWPHPGQSQLFADLSREELTAVMRFLTQRLGPGLVDAAQAQP SDNCIFSVELQLPPKAAALAHLDRGSPPPAREALAIVLFGGQPQPNVSELVVGPLPH PSYMRDVTVERHGGPLPYHRRPVLRAEFTQMWRHLKEVELPKAPIFLSSTFNNGS TAAVHATPRGLRSGDRATWMALYHNISGVGLFLHPVGLELLLDHRAALDPAHWTVQ QVFYLGHHYADLGQLEREFKSGRLEVVRVPLPPPNGASSLRSRNSPGPLPLQFSP QGSQYSVQGNLVSSLSWSFTFGHGVFSGLRIFDVRFQGERIAYEVSQECVSIYGA DSPKTMTRYLDSSFGLGRNSRGLVRGVDCPYQATMVDIHILVGKGAVQLLPGAVC VFEEAQGLPLRRHHNYLQNHFYGGGLASSALVVRVSSVGNVDYIWFVLYPNGALE GRVHATGYINTAFKGGEEGLLFGNRVGERVLGTVHTHAFHFKLDLDVAGLKNWV

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AEDVVFKPVAAPWNPEHWLQRPQLTRQVLGKEDLTAFSLGSPLPRYLYLASNQNTNA
 WGHQRGYRIQIHSPGLGIHIPLES DMERALS WGRYQLVVTQRKEEESQSSSIYHQNDI
 WTPTVTFADFINNETLLGEDLVAVWTASFLHIPHAEDIPNTVTLGNRVGFLLRPYNFF
 DEDPSIFSPGSVYFEKGQDAGLCSINPVACLPLDLAACVPDLPPFSYHGF

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name AOC2 amine oxidase, copper containing 2 (retina-specific) [Homo sapiens]

Official Symbol AOC2

Synonyms AOC2; amine oxidase, copper containing 2 (retina-specific); retina-specific copper amine oxidase; DAO2; RAO; SSAO; semicarbazide-sensitive amine oxidase;

Gene ID 314

mRNA Refseq NM_001158

Protein Refseq NP_001149

MIM 602268

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UniProt ID

O75106

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