

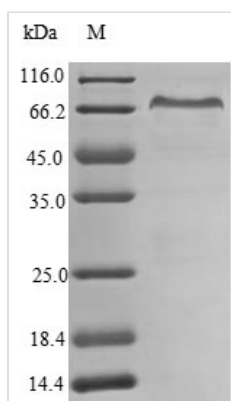


Recombinant Human Retina-specific copper amine oxidase (AOC2)

Product Code	CSB-EP001854HU
Abbreviation	Recombinant Human AOC2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O75106
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	QPPHCPSVSHRAQPWPHPGQSQLFADLSREELTAVMRFLTQRLGPGGLVDAA QAQPSDNCIFSVELQLPPKAAALAHLDRGSPPPAREALAIVLFGGQPQPNVSE LVVGPLPHPSYMRDVTVERHGGPLPYHRRPVLRAEFTQMWRHLKEVELPKAP IFLSSTFNNGSTLAAVHATPRGLRSGDRATWMALYHNISGVGLFLHPVGLELL LDHRALDPAHWTVQQVFYLGHHYADLGQLEREFKSGRLEVVRVPLPPNGAS SLRSRNSPGPLPPLQFSPQGSQYSVQGNLVSSLWSFTFGHGVFSGLRIFDV RFQGERIAYEVSQECVSIYGADSPKTMTRYLDSSFGLGRNSRGLVRGVDC PYQATMVDIHILVGKGAVQLLPGAVCVFEEAQGLPLRRHHNYLQNHFYGGGLAS SALVVRSSVSGNYDYIWDVFLYPNGALEGRVHATGYINTAFLKGGEELLFG NRVGERVLGTVHTHAFHFKLDLDVAGLKNWVVAEDVVFVKPVAAPWNPEHWL QRPQLTRQVLGKEDLTAFSLGSPLPRYLYLASNQTNAWGHQRGYRIQIHSPGLG IHIPLESDMERALSWSGRYQLVVTQRKEEESQSSSIYHQNDIWTPTVTFADFINN ETLLGEDLVAVWTASFLHIPHAEDIPNTVTLGNRVGFLLRPYNFFDEDPSIFSPG SVYFEKGGQDAGLCSINPVACLPDLAACVDPDLPFFSYHGF
Research Area	Neuroscience
Source	E.coli
Target Names	AOC2
Protein Names	Recommended name: Retina-specific copper amine oxidase Short name= RAO EC= 1.4.3.21 Alternative name(s): Amine oxidase [copper-containing] Semicarbazide-sensitive amine oxidase Short name= SSAO
Expression Region	33-756aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	85.3 kDa
Protein Length	Full Length of Mature Protein



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.