

Product Datasheet

Human AOC2 protein (orb603907)

Description

Recombinant Human Retina-specific copper amine oxidase(AOC2)

Endotoxins

Not test.

Preservatives

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.

Form/Appearance

Liquid or Lyophilized powder

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.

Tag

N-terminal 10xHis-tagged and C-terminal Myc-tagged

Note

For research use only

Application notes

Full Length of Mature Protein

Protein Sequence

QPPHCPSVSHRAQPWPHPGQSOLFADLSREELTAVMRFLTQRLGPGLVDAQA
QPSDNCIFSVELQLPPKAAALHLDRGSPPPAREALAIVLFGGQPQPNVSELVVG
PLPHPSYMRDVTVERHGGPLPYHRRPVLRAEFTQMWRHLKEVELPKAPIFLSSTF
NYNGSTLAHVHATPRGLRSGDRATWMALYHNISGVGLFLHPVGLLELLDHRALD
PAHWTVQQVFYLGHYADLGQLEREFKSGRLEVVRVPLPPNGASSLSRNSPG
PLPPLQFSPQGSQYSVQGNLVSSLSWSTFTFGHGVFSGLRIFDVRVQGERIAYEVS
VQECVSIYGADSPKTMTRYLDSSFGGLGRNSRGLVRGVDCPYQATMVDIHILVG
KGAVQLLPGLAVCVFEEAQGLPLRRHHNYLQNHFYGGGLASSALVVRVSVSSVGNV
DYIWDVFLYPNGALEGRVHATGYINTAFLKGGEGLLFGNRVGERVLGTVHHTA
FHFKLDDVAGLKNWVVAEDVVFKPVAAPWNPEHWLQRPQLTRQVLGKEDLTA
FSLGSPLPRYLYLASNQTNAWGHQRGYRIQIHSPGLIHIPLESMDMERALSWSGRYQ
LVVTQRKEEESQSSSIYHQNDIWTPTVTFADFINNETLLGEDLVAVVTASFLHIPH
AEDIPNTVTLGNRVGFLLRPNFFDEDPISFSPGSVYFEKGQDAGLCSINPVACLP
DLAACVPDLPPFSYHGF

Purity

Greater than 85% as determined by SDS-PAGE.

Source

E.coli

MW

85.3 kDa

Uniprot ID
075106
Expiration Date

6 months from date of receipt.