

Product datasheet

Recombinant Human AOC2 protein **ab157895**

1 Image

Overview

Product name Recombinant Human AOC2 protein

Protein length Protein fragment

Description

Nature Recombinant

Source Wheat germ

Amino Acid Sequence

Species Human

Sequence RAEFTQMWRHLKEVELPKAPIFLSSTFNNGSTLAAVHATPRGLRSGDRA
TWMALYHNISGVGLFLHPVGLELLLDHRALDPAHWTVQQVFYLGHYADL

Amino acids 169 to 268

Tags proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab157895** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Western blot

ELISA

Form Liquid

Additional notes Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

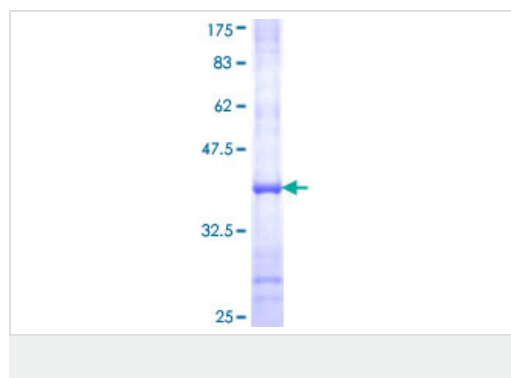
pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Has a monoamine oxidase activity with substrate specificity for 2-phenylethylamine and tryptamine. May play a role in adipogenesis. May be a critical modulator of signal transmission in retina.
Tissue specificity	Expressed in many tissues with much higher expression in retina. Isoform 1 and isoform 2 are expressed in adipose tissue, whereas isoform 1 only seems to be present in thymus, and isoform 2 only in testis.
Sequence similarities	Belongs to the copper/topaquinone oxidase family.
Post-translational modifications	Topaquinone (TPQ) is generated by copper-dependent autoxidation of a specific tyrosyl residue.
Cellular localization	Cell membrane. Present on the surface of the cells and Cytoplasm. Either not translocated to the plasma membrane or below detection level.

Images



ab157895 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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