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Datasheet for ABIN7538130

## AOC3 Protein (AA 28-763) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	AOC3
Protein Characteristics:	AA 28-763
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AOC3 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant human AOC3 Protein with N-terminal 6xHis tag
Specificity:	6xHis tag AOC3 (Arg28-Asn763)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	AOC3
Alternative Name:	AOC3 ( <a href="#">AOC3 Products</a> )
Background:	This gene encodes a member of the semicarbazide-sensitive amine oxidase family. Copper

## Target Details

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amine oxidases catalyze the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. The encoded protein is localized to the cell surface, has adhesive properties as well as monoamine oxidase activity, and may be involved in leukocyte trafficking. Alterations in levels of the encoded protein may be associated with many diseases, including diabetes mellitus. A pseudogene of this gene has been described and is located approximately 9-kb downstream on the same chromosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2013]

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Molecular Weight: predicted molecular mass of 82.6 kDa after removal of the signal peptide.

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UniProt: [Q16853](#)

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Pathways: [Feeding Behaviour](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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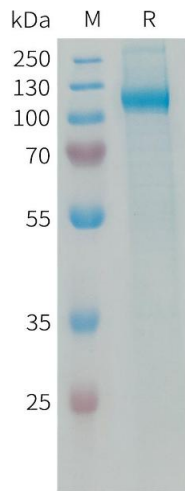
Storage: -20 °C,-80 °C

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Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

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Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Human Protein, His Tag on SDS-PAGE under reducing condition.