

PRODUCT INFORMATION

Target AOC3

HPAO;SSAO;VAP1;VAP-1 **Synonyms**

Recombinant human AOC3 Protein with N-**Description**

terminal 6×His tag

Delivery In Stock Q16853 **Uniprot ID Expression Host HEK293** Tag N-6×His Tag

Molecular

Purity

Background

6×His tag AOC3(Arg28-Asn763) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 82.6 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the

semicarbazide-sensitive amine oxidase family. Copper 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]

Usage Research use only Conjugate Unconjugated

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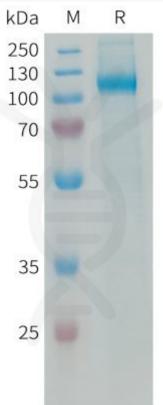


Figure 1. Human AOC3 Protein, His Tag on SDS-PAGE under reducing condition.



