PRODUCT INFORMATION

Target	AOC3
Synonyms	HPAO;SSAO;VAP1;VAP-1
Description	Recombinant human AOC3 Protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q16853
Expression Host	HEK293
Tag	N-6×His Tag
Molecular Characterization	6×His tag AOC3(Arg28-Asn763)
Molecular Weight	The protein has a predicted molecular mass of 82.6 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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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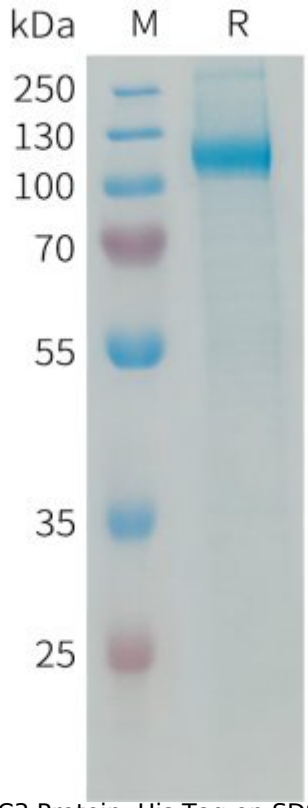


Figure 1. Human AOC3 Protein, His Tag on SDS-PAGE under reducing condition.

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