

Datasheet for ABIN7596468

AOC3 Protein (AA 27-763) (His tag)



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Overview

Quantity:	250 µg
Target:	AOC3
Protein Characteristics:	AA 27-763
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AOC3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	GRGGDGG EPSQLPHCPS VSPSAQPWTH PGQSQLFADL SREELTAVMR FLTQRLGPGL VDAAQARPSD NCVFSVELQL PPKAAALAH L DRGSPPPARE ALAIVFFGRQ PQPNVSELVV GPLPHPSYMR DVTVERHGGP LPYHRRPVLF QEYLDIDQMI FNRELPQASG LLHHCCFYKH RGRNLVTMTT APRGLQSGDR ATWFGLYYNI SGAGFFLHHV GLELLVNHKA LDPARWTIQK VFYQGRIYDS LAQLEAQFEA GLVNVVLIPD NGTGGSWSLK SPVPPGPAPP LQFYPQGPRF SVQGSRVASS LWTFSFGLGA FSGPRIFDVR FQGERLVYEI SLQEALAIYG GNSPAAMTTR YVDGGFGMGK YTTPLTRGVD CPYLATYVDW HFLLESQAPK TIRDAFCVFE QNQG LPLRRH HSDLYSHYFG GLAETVLVVR SMSTLLNYDY VWDTVFHPSG AIEIRFYATG YISSAFLFGA TGKYGNQVSE HTLGTVHTHS AHFKVDLDVA GLENWVWAED MVFVPMVAVPW SPEHQLRLQ VTRKLLEMEE QAAFLVGSAT PRYLYLASNH SNKWGHPRGY RIQMLS FAGE PLPQNSSMAR GFSWERYQLA VTQRKEEEPS SSSVFNQNDP WAPTVD FSD F INNETIAGKD LVAWVTAGFL HIPHAEDIPN TVTVGNGVGF FLRPYNFFDE DPSFYSADSI YFRGDQDAGA CEVNPLACLP
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Product Details

QAAACAPDLP AFSHGGFSHN

Purity: > 90% by SDS-PAGE

Endotoxin Level: < 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target: AOC3

Alternative Name: VAP-1/AOC3 ([AOC3 Products](#))

Background: VAP-1, also known as membrane primary amine oxidase isoform 1, a copper amine oxidase with a topaquinone cofactor. It is a cell adhesion protein that participates in lymphocyte extravasation and recirculation by mediating the binding of lymphocytes to peripheral lymph node vascular endothelial cells in an L-selectin-independent fashion. This protein plays a role in adipogenesis. It catalyzes the oxidative deamination of small primary amines such as methylamine, benzylamine, and aminoacetone in a reaction that produces an aldehyde, ammonia, and H₂O₂. Recombinant human VAP-1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 82.8 kDa (746aa)

NCBI Accession: [NP_003725](#)

Pathways: [Feeding Behaviour](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.