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32-6666: AOC3 Human

Alternative Name : VAP-1, AOC3, HPAO, VAP1, Membrane primary amine oxidase, Copper amine oxidase, HPAO, Semicarbazidesensitive amine oxidase, SSAO, Vascular adhesion protein 1.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Amine Oxidase Copper Containing 3 , also referred to AOC3, a copper amine oxidase with a topaquinone cofactor.AOC3 is a cell adhesion protein which participates in recirculation & extravasation of lymphocyte by mediating the binding of lymphocytes to peripheral lymph node vascular endothelial cells in an L-selectin independent fashion.Amine Oxidase Copper Containing 3 acts in adipogenesis.The protein catalyzes the oxidative deamination of small primary amines such as methylamine, benzylamine & aminoacetone in a reaction that produces an aldehyde, ammonia and H2O2.
AOC3 Human produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 746 amino acids (27-763 aa) and having a molecular mass of 82.8kDa.AOC3 is fused to a 9 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The AOC3 solution (0.25 mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPGRGGDGG EPSQLPHCPS VSPSAQPWTH PGQSQLFADL SREELTAVMR FLTQRLGPGL VDAAQARPSD NCVFSVELQL PPKAAALAHL DRGSPPPARE ALAIVFFGRQ PQPNVSELVV GPLPHPSYMR DVTVERHGGP LPYHRRPVLF QEYLDIDQMI FNRELPQASG LLHHCCFYKH RGRNLVTMTT APRGLQSGDR ATWFGLYYNI SGAGFFLHHV GLELLVNHKA LDPARWTIQK VFYQGRYYDS LAQLEAQFEA GLVNVVLIPD NGTGGSWSLK SPVPPGPAPP LQFYPQGPRF SVQGSRVASS LWTFSFGLGA FSGPRIFDVR FQGERLVYEI SLQEALAIYG GNSPAAMTTR YVDGGFGMGK YTTPLTRGVD CPYLATYVDW HFLLESQAPK TIRDAFCVFE QNQGLPLRRH HSDLYSHYFG GLAETVLVVR SMSTLLNYDY VWDTVFHPSG AIEIRFYATG YISSAFLFGA TGKYGNQVSE HTLGTVHTHS AHFKVDLDVA GLENWVWAED MVFVPMAVPW SPEHQLQRLQ VTRKLLEMEE QAAFLVGSAT PRYLYLASNH SNKWGHPRGY RIQMLSFAGE PLPQNSSMAR GFSWERYQLA VTQRKEEEPS SSSVFNQNDP WAPTVDFSDF INNETIAGKD LVAWVTAGFL HIPHAEDIPN TVTVGNGVGF FLRPYNFFDE DPSFYSADSI YFRGDQDAGA CEVNPLACLP QAAACAPDLP AFSHGGFSHN HHHHHH