

Product Data Sheet

Recombinant Human VAP-1 Protein

Catalog #	Source	Reactivity	Applications
CRP2837	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human VAP-1 Protein is produced by mammalian expression system and the target gene encoding Arg27-Asn763 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 500mM NaCl, pH8.0 .		
Gene Symbol	AOC3		
Alternative Names	VAP1; Membrane primary amine oxidase; Copper amine oxidase; HPAO; Semicarbazide-sensitive amine oxidase; SSAO; Vascular adhesion protein 1; VAP-1		
Entrez Gene	8639 (Human)		
SwissProt	Q16853 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	RGGDGGEPSQ LPHCPSVSPS AQPWTHPGQS QLFADLSREE LTAVMRFLTQ RLGPGLVDAA QARPSDNCVF SVELQLPPKA AALAHLDGRS PPPAREALAI VFFGRQPQPN VSELVVGPLP HPSYMRDVTV ERHGGPLPYH RRPVLFQEYL DIDQMIFNRE LPQASGLLHH CCFYKHRGRN LVTMTTAPRG LQSGDRATWF GLYYNISGAG FFLHHVGLLEL LVNHKALDPA RWTIQKVFIYQ GRYYDSLAQL EAQFEAGLVN VVLIPDNGTG GSWSLKSPVP PGPAPPLQFY PQGPRFSVQG SRVASSLWTF SFGLGAFSGP RIFDVRFQGE RLVEISLQE ALAIYGGNSP AAMTTRYVDG GFGMGKYTTP LTRGVDCPYL ATYVDWHFLL ESQAPKTIRD AFCVFEQNQG LPLRRHHSGL YSHYFGGLAE TVLVVRSMST LLNYDYVWDT VFHPSGAIEI RFYATGYISS AFLFGATGKY GNQVSEHTLG TVHTSAHFK VDLDVAGLEN WVWAEDMVFV PMAVPWSPEH QLQRLQVTRK LLEMEEQAAF LVGSATPRYL YLASNHSNKW GHPRGYRIQM LSFAGEPLPQ NSSMARGFSW ERYQLAVTQR KEEEPSSSSV FNQNDPWAPT VDFSDFINNE TIAGKDLVAW		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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VTAGFLHIPH AEDIPNTVTV GNGVGFFLRP YNFFDEDPSF YSADSIYFRG DQDAGACEVN
PLACLPQAAA CAPDLPAFSH GGFSHNHHHH HH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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