

Voltage Dependent Anion Channel Protein 1 Recombinant Protein | VDAC1 recombinant protein

Recombinant Voltage Dependent Anion Channel Protein 1 (VDAC1)

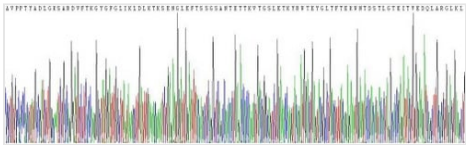
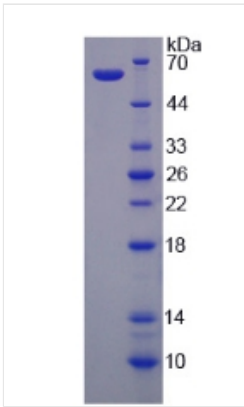
CATALOG # AAA20982	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Voltage Dependent Anion Channel Protein 1; Recombinant Voltage Dependent Anion Channel Protein 1 (VDAC1); VDAC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for VDAC1 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Source	Prokaryotic expression
Residues	Ala2~Ala283
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane, Mitochondrion
Traits	Freeze-dried powder
Predicted isoelectric point	8.6
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition



Gene Sequencing (Extract)

SDS-PAGE

AVPPTYADL GKSARDVFTK GYGFGLIKLD LKTKSENGLE FTSSGSANTE
TTKVTGSLET KYRWTEYGLT FTEKWNTDNT LGTEITVEDQ LARGLKLTFD
SSFSPNTGKK NAKIKTGYSR EHINLGCMD FDIAGPSIRG ALVLGYEGWL
AGYQMFETA KSRVTQSNFA VGYKTDEFQL HTNVNDTEF GGSIIYQKVNK
KLETAVNLAW TAGNSNTRFG IAAKYQIDPD ACFSKVNNS SLIGLGYTQT
LKPGLKLTLS ALLDGKNVNA GGHKLGLGLE FQA

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	15232074
NCBI GeneID	820914
NCBI Accession #	NP_186777.1
NCBI GenBank Nucleotide #	NM_110994.3
Molecular Weight	Predicted Molecular Mass: 60.6kDa Accurate Molecular Mass: 61kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	voltage dependent anion channel 1
NCBI Official Symbol	VDAC1
NCBI Official Synonym Symbols	5076; ARABIDOPSIS THALIANA VOLTAGE DEPENDENT ANION CHANNEL 1; ATVDAC1; T22N4.9; T22N4_9; VDAC1; voltage dependent anion channel 1
NCBI Protein Information	voltage dependent anion channel 1
UniProt Protein Name	Mitochondrial outer membrane protein porin 1
UniProt Gene Name	VDAC1
UniProt Synonym Gene Names	AtVDAC1; VDAC-1
UniProt Entry Name	VDAC1_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.