

## Recombinant Human VDAC3 Protein, GST/His-tagged

Cat. No. VDAC3-155H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VDAC3, transcript variant 2, fused with N-terminal GST and C-terminal His was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>This gene encodes a voltage-dependent anion channel (VDAC), and belongs to the mitochondrial porin family. VDACs are small, integral membrane proteins that traverse the outer mitochondrial membrane and conduct ATP and other small metabolites. They are known to bind several kinases of intermediary metabolism, thought to be involved in translocation of adenine nucleotides, and are hypothesized to form part of the mitochondrial permeability transition pore, which results in the release of cytochrome c at the onset of apoptotic cell death. Alternatively transcript variants encoding different isoforms have been described for this gene.</p>
<b>Form</b>	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
<b>Molecular Mass</b>	56.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	VDAC3 voltage-dependent anion channel 3 [ Homo sapiens ]
<b>Official Symbol</b>	VDAC3
<b>Synonyms</b>	VDAC3; voltage-dependent anion channel 3; voltage-dependent anion-selective channel protein 3; HD VDAC3; outer mitochondrial membrane protein porin 3; VDAC-3; HD-VDAC3;
<b>Gene ID</b>	7419
<b>mRNA Refseq</b>	NM_005662
<b>Protein Refseq</b>	NP_005653
<b>MIM</b>	610029
<b>UniProt ID</b>	Q9Y277

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