

## Recombinant Human VDAC1 protein, GST-tagged

**Cat. No.** VDAC1-5865H    **Lot. No.** (See product label)

### SPECIFICATION

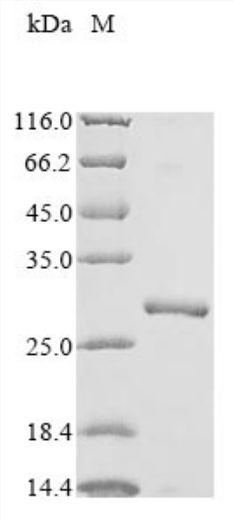
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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human VDAC1 protein(P21796)(2-25aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 2-25aa                                                                                                                                                                                                                                                         |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                             |
| <b>Molecular Mass</b>   | 29.2 kDa                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                    |
| <b>Storage</b>          | Store at -20°C/-165°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 135%. |

### GENE INFORMATION

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | VDAC1 voltage-dependent anion channel 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                          |
| <b>Official Symbol</b> | VDAC1                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | VDAC1; voltage-dependent anion channel 1; voltage-dependent anion-selective channel protein 1; MGC111064; PORIN; porin 31HL; porin 31HM; plasmalemmal porin; outer mitochondrial membrane protein porin 1; VDAC-1;                                                                                                                                                |
| <b>Gene ID</b>         | 7416                                                                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_003374                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_003365                                                                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>             | 604492                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>      | P21796                                                                                                                                                                                                                                                                                                                                                            |
| <b>SDS-PAGE</b>        |  <p>The SDS-PAGE gel image displays molecular weight markers on the left in kDa: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. A single, prominent protein band is visible in the sample lane (M) at a molecular weight of approximately 31 kDa, corresponding to VDAC1.</p> |