

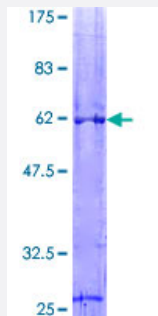
Full-Length

# VDAC1 (Human) Recombinant Protein (P01)

Catalog # H00007416-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human VDAC1 full-length ORF ( NP\_003365.1, 1 a.a. - 283 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MAVPPTYADLGKSARDVFTKGYGFGLIKLDLKTSENGLEFTSSGSANTETTKVTGSLETKYRWT  
EYGLTFTEKWNTDNTLGTEITVEDQLARGLKLTFDSSFSPNTGKKNAIKTGKREHINLGCDMDF  
DIAGPSIRGALVLGYEGWLAGYQMNFETAKSRVTQSNFAVGYKTDEFQLHTNVNDGTEFGGSIYQ  
KVNKKLETAVNLAWTAGNSNTRFGIAAKYQIDPDACFSKVNNSLIGLGYTQTLKPGIKLTLALL  
DGKNVNAGGHKLGLGLEFQA

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

57.20

### Interspecies Antigen Sequence

Mouse (99); Rat (99)

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — VDAC1

**Entrez GeneID**[7416](#)**GeneBank Accession#**[NM\\_003374.1](#)**Protein Accession#**[NP\\_003365.1](#)**Gene Name**

VDAC1

**Gene Alias**

MGC111064, PORIN, PORIN-31-HL

**Gene Description**

voltage-dependent anion channel 1

**Omim ID**[604492](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

OTTHUMP00000165946|OTTHUMP00000165947

## Pathway

- [Calcium signaling pathway](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)