

Mitochondrial outer membrane protein porin 6 (VDAC6), Recombinant Protein

Cat *RP12353*

Size 0.02 mg (*E-Coli*)/ 0.02 mg (*Yeast*)/ 0.1 mg (*E-Coli*)/ 0.1 mg
(*Yeast*)/ 0.02 mg (*Baculovirus*)/ 0.02 mg (*Mammalian-Cell*)/ 0.1

mg (*Baculovirus*)/ 1 mg (*E-Coli*)/ 1 mg (*Yeast*)/ 0.1 mg
(*Mammalian-Cell*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)
Species *Oryza sativa* subsp. *japonica* (*Rice*)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Mitochondrial outer membrane protein porin 6 (VDAC6)

Product Gene Name

VDAC6 recombinant protein

Product Synonym Gene Name

VDAC6

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

SKGPAPFLNI GKRAKDLLYK DYNFDQKFSL TTTNSNGLGL TATGVKIDEL FIGDIQTQHK SGKTTVDVKI
DSESRVSTTV TVDEALTGLK TSFSFRVPDQ KSGKLDLQYL HDHFALNSTI GLTSTPLIEL AATIGTNELS
AGAEVGFDDST SASVTKYNSG ICYNKHDFSA AVLLADKGET LKASYIHTFN ETNGATVAEE VTHKLKTKEN
YFTIGSSSHAI DSSTLLKTRF SNGGKGVLC QHEWRPKSTV SISAEDPKV VSSPSRFGVA IALKP

Sequence Positions

2-276, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or *Yeast* or *Baculovirus* or *Mammalian Cell*

Molecular Weight

29,683 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Mitochondrial outer membrane protein porin

NCBI Accession

XP_015632202.1

NCBI GI

1002255842

NCBI GenBank Nucleotide

XM_015776716.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI GeneID

4331551

NCBI Official Full Name

mitochondrial outer membrane protein porin 6

NCBI Official Symbol

LOC4331551

NCBI Official Synonym Symbols

VDAC6; OsVDAC6

NCBI Protein Information

mitochondrial outer membrane protein porin 6

UniProt Gene Name

VDAC6

UniProt Synonym Gene Names

OsVDAC6

UniProt Protein Name

Mitochondrial outer membrane protein porin 6

UniProt Synonym Protein Names

Voltage-dependent anion-selective channel protein 6; OsVDAC6

UniProt Primary Accession

Q10S27

UniProt Secondary Accession

A0A0P0VSU6

UniProt Related Accession

Q10S27

UniProt Comments

Forms a channel through the mitochondrial outer membrane that allows diffusion of small hydrophilic molecules. The channel adopts an open conformation at low or zero membrane potential and a closed conformation at potentials above 30-40 mV. The open state has a weak anion selectivity whereas the closed state is cation-selective .

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