

Product datasheet for **TP761905**

VDAC2 (NM_003375) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human voltage-dependent anion channel 2 (VDAC2), nuclear gene encoding mitochondrial protein, transcript variant 2, full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length VDAC2
Tag:	N-GST and C-His
Predicted MW:	59.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003366
Locus ID:	7417
UniProt ID:	P45880
RefSeq Size:	1522
Cytogenetics:	10q22.2
RefSeq ORF:	882
Synonyms:	POR



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Summary:

This gene encodes a member of the voltage-dependent anion channel pore-forming family of proteins that are considered the main pathway for metabolite diffusion across the mitochondrial outer membrane. The encoded protein is also thought to be involved in the mitochondrial apoptotic pathway via regulation of BCL2-antagonist/killer 1 protein activity. Pseudogenes have been identified on chromosomes 1, 2, 12 and 21, and alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

Protein Families:

Druggable Genome, Ion Channels: Other

Protein Pathways:

Calcium signaling pathway, Huntington's disease, Parkinson's disease

Product images: