



HVCN1 blocking peptide (CDBP5536)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a voltage-gated protein channel protein expressed more highly in certain cells of the immune system. Phagocytic cells produce superoxide anions which require this channel protein, and in B cells this same process facilitates antibody production. This same channel protein, however, can also regulate functions in other cells including spermatozoa. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	HVCN1 hydrogen voltage-gated channel 1 [Homo sapiens (human)]
Official Symbol	HVCN1
Synonyms	HVCN1; hydrogen voltage-gated channel 1; HV1; VSOP; voltage-gated hydrogen channel 1; voltage sensor domain-only protein
Entrez Gene ID	84329

mRNA Refseq	<u>NM_001040107</u>
Protein Refseq	<u>NP_001035196</u>
UniProt ID	Q96D96
Pathway	Fertilization; Reproduction; Sperm Motility And Taxes
Function	voltage-gated cation channel activity; voltage-gated proton channel activity; voltage-gated proton channel activity
