

Recombinant Full Length Human HVCN1 Protein

Cat. No. HVCN1-5722HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HVCN1 full-length ORF (ADZ15859.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	481 amino acids
Description	HVCN1 is a voltage-gated proton channel highly expressed in immune tissues. Channels like HVCN1 mediate the proton conductances required by phagocytic leukocytes for the oxidative burst that underlies microbial killing (Ramsey et al., 2006 [PubMed 16554753]).[supplied by OMIM
Form	Liquid
Molecular Mass	30.1 kDa
AA Sequence	MATWDEKAVTRRAKVAPAERMSKFLRHFTVVGDDYHAWNINYKKWENEEEEEEEE QPPPTPVSGEEGRAAAPDVAPAPGPAPRAPLDFRGMLRKLFSSHRFQVHICLVLD ALLVLAELILDLKIIQPDKNNYAAMVFHYMSITLVFFMMEIIFKLFVFRLEFFHHKFEILD AVVVVVSFILDIVLLFQEHQFEALGLLILLRLWRVARIINGIIISVKTRSERQLRLKQMN VQLAAKIQHLEFSCSEKEQEIERLNKLLRQHGLLGEVN
Applications	Antibody Production Functional Study

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Compound Screening

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name	HVCN1 hydrogen voltage-gated channel 1 [Homo sapiens]
Official Symbol	HVCN1
Synonyms	HVCN1; hydrogen voltage-gated channel 1; voltage-gated hydrogen channel 1; Hv1; MGC15619; voltage sensor domain only protein; VSOP; voltage sensor domain-only protein; HV1;
Gene ID	84329
mRNA Refseq	NM_001040107
Protein Refseq	NP_001035196
MIM	611227
UniProt ID	Q96D96

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