



# Recombinant Arabidopsis thaliana Probable cyclic nucleotide-gated ion channel 5 (CNGC5)

<b>Product Code</b>	CSB-CF854637DOA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q8RWS9
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Sequence</b>	<p>MAGKRENFVRVDDLDSRLPSSSVAFQQNYASNFSGQLHPIHASNETSRSFKK  GIQKGSKG  LKSIGRSLGFGVYRAVFPEDLKVSEKKIFDPQDKFLLYCNKLFVASCILSVFVDP  FFFYL  PVINAESKCLGIDRKLAITASTLRTFIDVFYLAHMALQLRTAYIAPSSRVFGRGEL  VIDP  AQIAKRYLQRWFIIDFLSVLPLPQIVVWRFLQSSNGSDVLATKQALLFIVLVQYIP  RFLR  VLPLTSELKRTAGVFAETAWAGAAYLLLYMLASHIVGAFWYLLALERNDACW  QEACIDA  GNCSTDFLYCGNQNM DGYAVWNRAKESVLKSKCRADLDDNPPDFGIYTQ  ALSSGIVSS  QNFIVKYCYCLWWGLQNLSTLGQGLETSTYPMEIIFSISLAISGLILFALLIGNMQ  TYLQ  SLTIRLEEMRVKRRDSEQWMHHRMLPQDLRERVRRYDQYKWLETRGVDEEY  LVQNLPKDL  RRDIKRHLCLALVRRVPLFKSMDDKLLDAICMRLKPCLFTESTYLVREGDPVDE  MLFIIR  GRLESVTTDGGRS GFFNRSLLKEGEFCGEELLTWALDPKSGVNLPSSSTRTVK  ALTEVEAF  ALTSEELKFVASQFRRLHSRQVQHTFRFYSHQWRTWAACFIQAAWRRYCKR  KKMEEAEAE  AAAVSSSTAGPSYSIGAAFLATKFAANALRTIHRNRNTKIRDVLVKLQKPPEP DFT  AD</p>
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	CNGC5
<b>Protein Names</b>	Recommended name: Probable cyclic nucleotide-gated ion channel 5 Short name= AtCNGC5 Alternative name(s): Cyclic nucleotide- and calmodulin-regulated ion channel 5
<b>Expression Region</b>	1-717
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.

**Protein Length**

full length protein

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.