



# Recombinant Bovine Cyclic nucleotide-gated cation channel alpha-3 (CNGA3)

<b>Product Code</b>	CSB-CF643680BO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	Q29441
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Sequence</b>	<p>MAKISTQYSHPTRRTHPSVRTMDRDLDCIENGLSRTHLPCEETSSELQEGIAMETRGLAES</p> <p>RQSSFTSQGPTRLRLIISLRAW SARHLHQEDQRPDSFLERFRGAELQEVSSRESHVQFN</p> <p>VGSQEPPDRGRSAWPLARNNTNTCNNSEKDDKAKKEEKEKKEEKENPKKEEKKKDSVVM</p> <p>DPSSNMYHWTVIAVPVFYNWCLLVCRACFDELQSEHMLWLVLVDYSADILYGMDMLVR</p> <p>ARTGFLEQGLMVMASRLWKHYTQTLHFKLDVLSLVPTDLAYFKLGMNYPELRFNRLKLL</p> <p>ARLFEFFDRTETRTNYPNMFRIENLVLYILIIHWNACIYFAISKFIGFGTDSWVYPNVS</p> <p>NPEYGRLSRKIYISLYWSTLTLTTIGETPPPVKDEEYLFVVIDFLVGVLFATIVGNVGS</p> <p>MISNMNASRAEFQAKIDSIKQYMQFRKVTKDLETRVIRWFDYLVWANKKTVDEKEVLKSLP</p> <p>DKLKAEIAINVHLDLTKVRIFQDCEAGLLVELVLKLRPAVFSPGDYICKKGDIGREMYI</p> <p>IKEGKLAVVAEDGITQFVVLGDGSYFGEISILNIKGSKSGNRRTANIRSIGYSDFLCLSK</p> <p>DDLMEALTEYPEAKKALEEKGRQILMKDNLIDEELAKAGADPKDIEEKVEHLETSLDSLQ</p> <p>TRFARLLAEYNATQMKVKQRLSQLESQVKMGLPPDGDAPQTEASQP</p>
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	CNGA3
<b>Protein Names</b>	<p>Recommended name: Cyclic nucleotide-gated cation channel alpha-3</p> <p>Alternative name(s): Cone photoreceptor cGMP-gated channel subunit alpha</p> <p>Cyclic nucleotide-gated channel alpha-3 Short name= CNG channel alpha-3</p> <p>Short name= CNG-3</p>
<b>Expression Region</b>	1-706
<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.