



Recombinant Rabbit Potassium voltage-gated channel subfamily KQT member 1 (KCNQ1) (X15W)

Product Code	CSB-CF863068RB(M)
Abbreviation	Recombinant Rabbit KCNQ1 protein (X15W)
Storage	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.
Uniprot No.	Q9MYS6
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Rabbit Potassium voltage-gated channel subfamily KQT member 1 (KCNQ1) (X15W)
Immunogen Species	Oryctolagus cuniculus (Rabbit)
Sensitivity	Not Test
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MAAASTPPRAERKRWSWSRLPGAQRESAGLAKKCPFSLELAESGPPSSALYA PVSPPSAPEPAPPASPAPPAADQGPQPPVSLDPRVSIYSVRRPLLARTHI QGRVYNFLERPTGWKCFAYHFTVFLIVLVLCLIFSVLSTIEQYATLATGTLFWMEI VLVFFGTEYVVRLWSAGCRSKYVGLWGRLRFARKPISIIDLIVVASMVLCV GSKGQVFATSAIRGIRFLQILRMLHVDRQGGTWRLGSSVFIHRQELITTLTYIGF LGLIFSSYFVYLAEKDAVNESGRVEFGSYADALWWGVVTVTIGYGDKVPQT WVGKTIASCFSVFAISFFALPAGILGSGFALKVQQKQRQKHFNQIPAAASLIQT AWRCYAAENPDSATWKIYIRKPTRGHALLSPSPKPKKSAMVKKKKFKLDDKNG VSPGEKTLVPQITCEPPEERRPDHFPVDSHDGSRKSPALLEVSTPQFLRTN SFAEDLDLEGETLLAPITHVSQLREHHRATVKVIRRMQYFVAKKKFQQARKPY DVRDVIEQYSQGHLNLMVRIKELQRRLDQSIGKPSLFVPISEKSKDRGSNSIGA RLNRVEDKVTQLDQRLVLIADMLQQLLALHQGRCHGGAHPAQARDGDPADPE LFLPTYEQLTVPRRDPEEGS
Research Area	Cardiovascular
Source	in vitro E.coli expression system
Target Names	KCNQ1
Expression Region	1-661aa(X15W)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

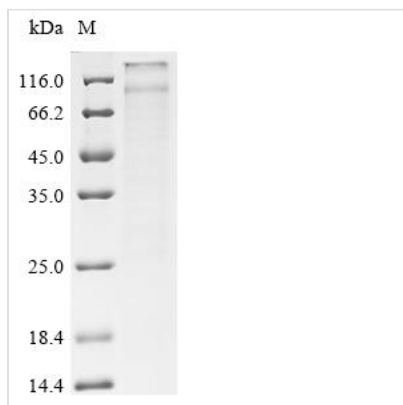


Tag Info N-terminal 10xHis-tagged

Mol. Weight 79.8 kDa

Protein Length Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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.