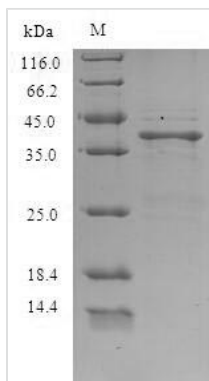




Recombinant Lithobates catesbeiana Saxiphilin, partial

Product Code	CSB-YP339158LQA
Relevance	Binds specifically to the neurotoxin saxitoxin. Its physiological role may be to transport or sequester an endogenous organic molecule other than Fe ³⁺ . It may participate in a detoxification mechanism for neutralizing a microbial toxin.
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.	P31226
Alias	SAX
Product Type	Recombinant Protein
Immunogen Species	Lithobates catesbeiana (American bullfrog) (Rana catesbeiana)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AHLPSKNKVRWCTINKLEKMKCDDWSAVSGGAIACTEASCPKGCVKQILKGE ADAVKLEVQYMYEALMCGLLPAVEEYHNKDDFGPCKTPGSPYTDFGTLRAVA LVKKSNDINWNNIKGKKSCHTGVGDIAGWVIPVSLIRRQNDNSDIDSFFGESC APGSDTKSNLCKLCIGDPKNSAANTKCSLSDKEAYYGNQGAFRCLVEKGDVA FVPHTVVFENTDGKNPAVWAKNLKSEDFELLCLDGSRAPVSNYKSKLSGIPP PAIVTREESISDVVRIVANQQSLYGRKGFEKDMFQLFSSNKGNNLLFNDNTQC LITFDRQPKDIMEDYFGKPYTTVYGASRSAMSSSELISACTIKHC
Research Area	Others
Source	Yeast
Expression Region	484-844aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	41.7kDa
Protein Length	Partial
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.