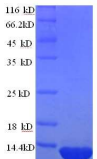


## Recombinant Chilobrachys jingzhao Double-knot toxin

Catalog Number: CSB-EP316743DRU

<b>Product Name:</b>	Recombinant Chilobrachys jingzhao Double-knot toxin
<b>Catalog Number:</b>	CSB-EP316743DRU
<b>Relevance :</b>	Selectively activates mammalian TRPV1, or capsaicin receptor, a nonselective cation channel expressed by sensory neurons of the pain pathway. Binds to TRPV1 in an open state-dependent manner, trapping it there to produce irreversible currents.
<b>Mol. Weight:</b>	12 KDa
<b>Product Info :</b>	His-tagged
<b>Source:</b>	E. coli derived
<b>Image:</b>	
<b>Purity:</b>	>90%(SDS-PAGE)
<b>Storage Buffer:</b>	Tris-based buffer, 50% glycerol
<b>Storage :</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Notes :</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>AA sequence:</b>	DCAKEGEVCSWGKKCCDLNDFYCPMEFIPHCKKYKPYVPVTTNCAKEG EVCGWGSKCCHGLDCPLAFIPYCEKYRGRND
<b>References:</b>	"A bivalent tarantula toxin activates the capsaicin receptor, TRPV1, by targeting the outer pore domain." Bohlen C.J., Priel A., Zhou S., King D., Siemens J., Julius D. Cell 141:834-845(2010)