

UNC45B 抗原（重组蛋白）

中文名称： UNC45B 抗原（重组蛋白）

英文名称： UNC45B Antigen (Recombinant Protein)

别名： unc-45 myosin chaperone B; CMYA4; UNC45; CTRCT43; SMUNC45; UNC-45B

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 732-931 amino acids of human UNC45B

技术规格

Full name:	unc-45 myosin chaperone B
Synonyms:	CMYA4; UNC45; CTRCT43; SMUNC45; UNC-45B
Swissprot:	Q8IWX7
Gene Accession:	BC101063
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a co-chaperone required for folding and accumulation of type II myosins. The protein consists of three tetrapeptide repeat motifs at the N-terminus that form a complex with heat shock protein 90, a central region of unknown function that is conserved in all Unc-45 proteins, and a C-terminal Unc-45/Cro1/She4 domain. The protein is expressed at high levels in striated muscle, where its muscle myosin chaperone activity is dependent on heat shock protein 90 acting as a co-chaperone. A missense mutation in this gene has been asso

ciated with cataract development. Alternative splicing results in multiple transcript variants.