

## Recombinant Human UNC45B

Catalog No: #GP12590



Package Size: #GP12590-1 100ug

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## Description

Product Name	Recombinant Human UNC45B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 732-931 amino acids of human UNC45B
Target Name	unc-45 myosin chaperone B
Other Names	CMYA4; UNC45; CTRCT43; SMUNC45; UNC-45B
Accession No.	Swissprot:Q8IWX7 Gene Accession:BC101063
Uniprot	Q8IWX7
GeneID	146862;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes a co-chaperone required for folding and accumulation of type II myosins. The protein consists of three tetratricopeptide 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 associated with cataract development. Alternative splicing results in multiple transcript variants.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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