

TPM4 抗原（重组蛋白）

中文名称： TPM4 抗原（重组蛋白）

英文名称： TPM4 Antigen (Recombinant Protein)

别名： tropomyosin 4; HEL-S-108

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 2-248 amino acids of human TPM4

技术规格

Full name:	tropomyosin 4
Synonyms:	HEL-S-108
Swissprot:	P67936
Gene Accession:	BC037576
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 member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosins are dimers of coiled-coil proteins that polymerize end-to-end along the major groove in most actin filaments. They provide stability to the filaments and regulate access of other actin-binding proteins. In muscle cell

s, they regulate muscle contraction by controlling the binding of myosin heads to the actin filament. Multiple transcript variants encoding different isoforms have been found for this gene.