

Native Human Tropomyosin

Cat. No. TPM-250H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Native Human Heart Tropomyosin. E.C. Number: 2.7.22.28
Species	Human
Source	Human Heart
Description	TROPOMYOSIN is an actin-binding protein that regulates actin mechanics. Tropomyosin is important, among other things, for muscle contraction. Tropomyosin, along with the troponin complex, associate with actin in muscle fibers and regulate muscle contraction by regulating the binding of myosin. In resting muscle, tropomyosin overlays the myosin binding sites on actin and is "locked" down in this position by troponin T (tropomyosin binding troponin) and troponin I (inhibitory troponin).
Form	Lyophilized in 20mM tris, 0.2M sodium chloride, pH 8.5
Molecular Mass	~70,000
Purity	>85%
Storage	Store at 2-8 °C.

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