

Product datasheet

Recombinant Human Tropomyosin protein ab119162

1 Image

Description

Product name	Recombinant Human Tropomyosin protein
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P09493</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	34 kDa including tags
Amino acids	1 to 284
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab119162** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA SDS-PAGE Dot blot
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. pH: 8.00 Constituents: 0.32% Tris HCl, 50% Glycerol
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General Info

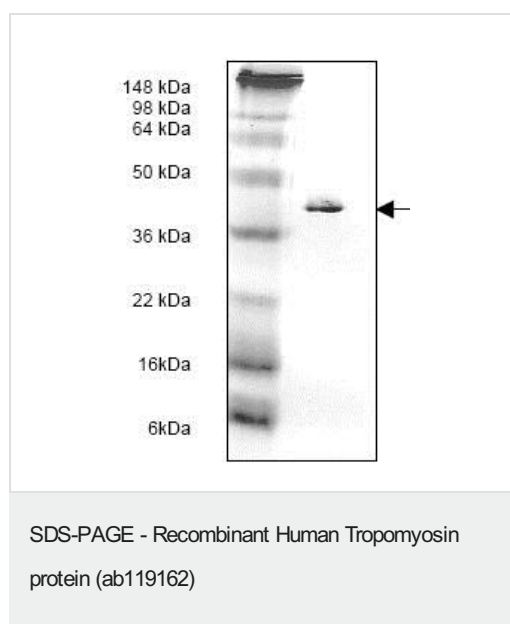
Relevance

Tropomyosin is a dimeric coiled coil protein that binds along the length of actin filaments. It is associated with the thin filaments of muscle cells and the microfilaments of nonmuscle cells. Chicken embryo fibroblasts (CEF) contain five isoforms of tropomyosin (a, b, 1, 2, and 3), identified as such by their different apparent molecular masses after separation by SDS-PAGE, but similar biochemical properties, such as resistance to heat and organic solvents, the ability to bind to F actin filaments, and the lack of proline and tryptophan.

Cellular localization

Cytoplasmic

Images



SDS-PAGE analysis of ab119162.

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