

Datasheet for ABIN667368

**TAGLN2 Protein (AA 13-199) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	TAGLN2
Protein Characteristics:	AA 13-199
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAGLN2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	TAGLN2, 13-199aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

## Target Details

Target:	TAGLN2
Alternative Name:	TAGLN2 ( <a href="#">TAGLN2 Products</a> )
Background:	TAGLN2, also known transgelin 2, is one of the earliest markers of differentiated smooth muscle. This protein contains a calponin like repeat and a calponin-homology (CH) domain. It is downregulated in several transformed cell lines, indicating that a reduction of transgelin expression may be an early indicator of the onset of transformation. It also binds actin, causing actin fibers to gel within minutes of binding. Binding of transgelin to actin occurs at a ratio of

## Target Details

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1:6 actin monomers. Recombinant human TAGLN2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Synonyms: Transgelin-2, HA1756, KIAA0120. NCBI no.: NP\_003555

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Molecular Weight: 23.4 kDa (208aa), confirmed by MALDI-TOF

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1.0 mg/ml (determined by Bradford assay)

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Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

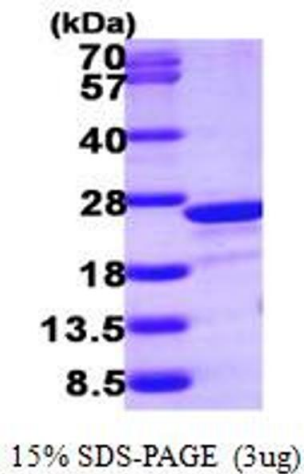
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Storage: 4 °C

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## Images

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### SDS-PAGE

Image 1.