

Datasheet for ABIN2734140

TAGLN2 Protein (Myc-DYKDDDDK Tag)

1 Image

1 Publication



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Overview

Quantity:	20 µg
Target:	TAGLN2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TAGLN2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:

- Recombinant human Transgelin-2 (TAGLN2) protein expressed in HEK293 cells.
- Produced with end-sequenced ORF clone

Purity: > 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target: TAGLN2

Alternative Name: Transgelin-2 (Tagln2) ([TAGLN2 Products](#))

Background: The protein encoded by this gene is similar to the protein transgelin, which is one of the earliest markers of differentiated smooth muscle. The specific function of this protein has not yet been determined, although it is thought to be a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 22.2 kDa

Target Details

NCBI Accession: [NP_003555](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

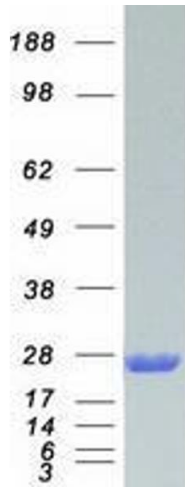
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in: Inoue, Hur, Kihara, Teranishi, Yamamoto, Ishikawa, Wiehager, Winblad, Tjernberg, Schedin-Weiss: "Human brain proteins showing neuron-specific interactions with γ -secretase." in: **The FEBS journal**, Vol. 282, Issue 14, pp. 2587-99, (2015) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot