

Datasheet for ABIN2714613

ACTN2 Protein (Myc-DYKDDDDK Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	20 µg
Target:	ACTN2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTN2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Alpha-actinin-2 / ACTN2 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:	ACTN2
Alternative Name:	alpha-Actinin-2, actn2 (ACTN2 Products)
Background:	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. [UniProtKB/Swiss-Prot Function]
Molecular Weight:	103.7 kDa
NCBI Accession:	NP_001094

Target Details

Pathways:	Cell-Cell Junction Organization , Skeletal Muscle Fiber Development , Negative Regulation of Transporter Activity
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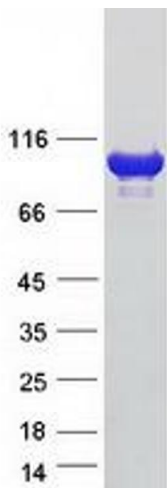
Application Details

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.

Validation report #102757 for Western Blotting (WB)



Western Blotting

Image 1. Validation with Western Blot