

Product datasheet

Recombinant Human ACTN3 protein ab127135

Description

Product name	Recombinant Human ACTN3 protein
Purity	> 60 % SDS-PAGE. Purified via His tag
Expression system	Escherichia coli
Accession	<u>Q08043</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	33 kDa
Amino acids	325 to 608

Specifications

Our **Abpromise guarantee** covers the use of **ab127135** in the following tested applications.

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

Applications	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
Reconstitution	Reconstitute with water to desired concentration.

General Info

Function	F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.
Tissue specificity	Expressed only in a subset of type 2 skeletal muscle fibers.

Sequence similarities

Belongs to the alpha-actinin family.
Contains 1 actin-binding domain.
Contains 2 CH (calponin-homology) domains.
Contains 2 EF-hand domains.
Contains 4 spectrin repeats.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- We investigate all quality concerns to ensure our products perform to the highest standards

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