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Datasheet for ABIN7505006

ACTN1 Protein (AA 30-253) (His tag)

Overview

Quantity:	100 µg
Target:	ACTN1
Protein Characteristics:	AA 30-253
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACTN1 protein is labelled with His tag.

Product Details

Sequence:	Glu30-Gln253
Characteristics:	A DNA sequence encoding the Human ACTN1 protein (P12814) (Glu30-Gln253) was expressed with a N-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	ACTN1
Alternative Name:	ACTN1 (ACTN1 Products)
Background:	<p>Background: F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.</p> <p>Synonym: Alpha-actinin cytoskeletal isoform, F-actin cross-linking protein, Non-muscle alpha-actinin-1</p>

Target Details

Molecular Weight:	25.5 kDa
UniProt:	P12814
Pathways:	Cell-Cell Junction Organization

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months