

Product datasheet

Recombinant Human SCG10 protein ab89354

1 Image

Description

Product name	Recombinant Human SCG10 protein
Purity	> 85 % SDS-PAGE. ab89354 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Amino acids	39 to 179

Specifications

Our [Abpromise guarantee](#) covers the use of **ab89354** 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	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 7.50 Constituents: 0.79% Tris HCl, 10% Glycerol (glycerin, glycerine)
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General Info

Function	Is a key regulator of neurite extension through regulation of microtubule instability.
Tissue specificity	Neuron specific.
Sequence similarities	Belongs to the stathmin family.
Post-translational	Sumoylated.

modifications

Cellular localization

Cytoplasm. Cytoplasm > perinuclear region. Cell projection > growth cone. Membrane. Cell projection > axon. Associated with punctate structures in the perinuclear cytoplasm, axons, and growth cones of developing neurons. SCG10 exists in both soluble and membrane-bound forms.

Images



15% SDS-PAGE showing ab89354 at approximately 16.4kDa (3 μ g).

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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