

Product datasheet

Recombinant Human Piccolo protein ab132154

1 Image

Description

Product name	Recombinant Human Piccolo protein
Expression system	Wheat germ
Accession	Q9Y6V0
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MKKFRVSLVSKVGKQKYVDLNMLSSENSQHLELHEPPK AVDKAKSPGVD PKQLAAELQKVSLQQSPLVLSSVVEKGSVHSGPTSAGS SSVPSPGQPGS PSVSKKKHGS SKPTDGTKVVSH PITGEIQLQINYDLGNLIHI LQARNLV PRDNNGYSDFVKVYLLPGRGAEYKRRTKHVQKSLNPEW NQTVIYKSISM EQLKKKTLEVTVWDYDRFSSNDFLGEVLIDLSSTAHL DNT PRWYPLKEQT ESIDHGKSHSSQSSQQSPKPSVIKSRSHGIFPDPSKDMQ VPTIEKSHSSP GSSKSSSEGLRSHGSPRSQS KTSVTQTHLEDAGAAIAA AEA AVQQLRIQ PSKRRK</p>
Predicted molecular weight	65 kDa including tags
Amino acids	85 to 423

Specifications

Our [Abpromise guarantee](#) covers the use of **ab132154** in the following tested applications.

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

Applications	ELISA
	SDS-PAGE
	Western blot
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

May act as a scaffolding protein involved in the organization of synaptic active zones and in synaptic vesicle trafficking.

Sequence similarities

Contains 2 C2 domains.

Contains 1 PDZ (DHR) domain.

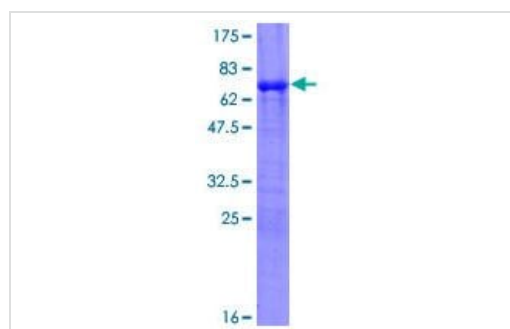
Domain

C2 domain 1 is involved in binding calcium and phospholipids. Calcium binds with low affinity but with high specificity and induces a large conformational change.

Cellular localization

Cell junction > synapse. Concentrated at the presynaptic side of synaptic junctions.

Images



SDS-PAGE analysis of ab132154 on a 12.5% gel stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Piccolo protein
(ab132154)

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