

Product datasheet

Recombinant Human Dystonin/BPA protein ab117061

1 Image

Description

Product name	Recombinant Human Dystonin/BPA protein	
Expression system	Wheat germ	
Accession	<u>Q03001</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	EDKLILAGNALQSDSKRLESGVQFQNEAEIAGYILECENLL RQHVIDVQI LIDGKYYQADQLVQRVAKLRDEIMALRNECSSLVYSKGRILT TEQTKLMIS	
Predicted molecular weight	37 kDa including tags	
Amino acids	401 to 500	

Specifications

Our **Abpromise guarantee** covers the use of **ab117061** in the following tested applications.

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

Applications	Western blot SDS-PAGE ELISA
Form	Liquid
Additional notes	This product was previously labelled as Dystonin.

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: 0.3% Glutathione, 0.79% Tris HCl
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General Info

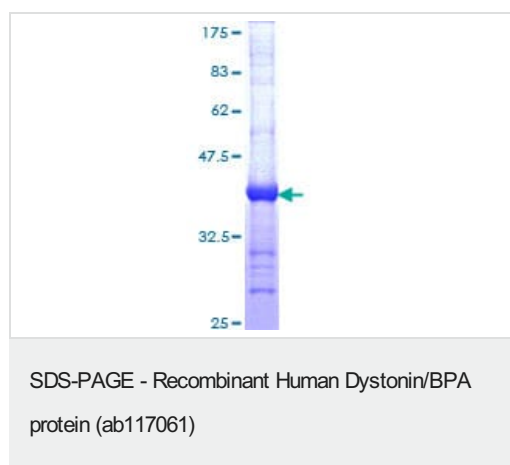
Relevance

Cytoskeletal linker protein. Acts as an integrator of intermediate filaments, actin and microtubule cytoskeleton networks. Required for anchoring either intermediate filaments to the actin cytoskeleton in neural and muscle cells or keratin-containing intermediate filaments to hemidesmosomes in epithelial cells. The proteins may self-aggregate to form filaments or a two-dimensional mesh. Isoform 3: plays a structural role in the assembly of hemidesmosomes of epithelial cells; anchors keratin-containing intermediate filaments to the inner plaque of hemidesmosomes. Required for the regulation of keratinocyte polarity and motility; mediates integrin ITGB4 regulation of RAC1 activity. Isoform 6: required for bundling actin filaments around the nucleus. By similarity. Isoform 7: regulates the organization and stability of the microtubule network of sensory neurons to allow axonal transport.

Cellular localization

Cytoplasm › cytoskeleton.

Images



12.5% SDS-PAGE showing ab117061 at approximately 36.63 kDa.

Stained with Coomassie Blue.

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

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