

Product datasheet

Recombinant Human HIP55 protein ab131883

1 Image

Overview

Product name	Recombinant Human HIP55 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Accession	Q9UUU6
Species	Human
Sequence	<p>MAANLSRNGPALQEAYVRVVTEKSPTDWALFTYEGNS NDIRVAGTGEGGL EEMVEELNSGKVMYAFRCRVKDPNSGLPKFVLINWTGE GVNDVRKGACASH VSTMASFLKGAVHTINARAEEDVEPECIMEKVAKASG ANYSFHKESGRFQ DVGQPAPVGSVYQKTNAVSEIKRVGKDSFWAKAEKE EENRRLEEKRAEE AQRQLEQERRERELREAAARREQRYQEQQGGEASPQRT WEQQQEVVSRNRNE QESAVHPREIFKQKERAMSTTSISSPQPGLRSPFLQK QLTQPETHFGRE PAAAISRPRADLPAEEPAPSTPPCLVQAEEEAVYEEP PEQETFYEQPLV QQQGAGSEHIDHHIQGQLSGQGLCARALYDYQAADD TEISFDPENLITG IEVIDEGWWRGYPDGHFGMFPANYVELIE</p>
Molecular weight	73 kDa including tags
Amino acids	1 to 430

Specifications

Our [Abpromise guarantee](#) covers the use of **ab131883** 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

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
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General Info

Function	Actin-binding adapter protein. May act as a common effector of antigen receptor-signaling pathways in leukocytes. Its association with dynamin suggests that it may also connect the actin cytoskeleton to endocytic function. Acts as a key component of the immunological synapse that regulates T-cell activation by bridging TCRs and the actin cytoskeleton to gene activation and endocytic processes. Binds to F-actin but is not involved in actin polymerization, capping or bundling. Does not bind G-actin.
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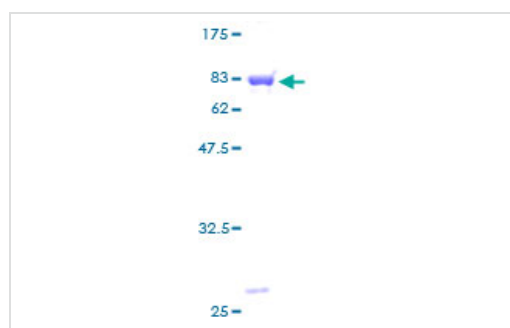
Sequence similarities	Belongs to the ABP1 family. Contains 1 ADF-H domain. Contains 1 SH3 domain.
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Domain	The SH3 domain mediates interaction with SHANK2, SHANK3 and PRAM1.
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Post-translational modifications	Degraded by caspases during apoptosis.
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Cellular localization	Cytoplasm > cytoskeleton. Cell projection > lamellipodium. Cortical cytoskeleton. Associates with lamellipodial actin.
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Images



12.5% SDS-PAGE stained with Coomassie Blue showing ab131883 at approximately 73.04 kDa.

SDS-PAGE - Recombinant Human HIP55 protein (ab131883)

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