

Datasheet for ABIN2720647

Ezrin Protein (EZR) (Transcript Variant 1) (Myc-DYKDDDDK Tag)[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	20 µg
Target:	Ezrin (EZR)
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ezrin protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Ezrin (transcript variant 1) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	Ezrin (EZR)
Alternative Name:	Ezrin (EZR Products)
Background:	The cytoplasmic peripheral membrane protein encoded by this gene functions as a protein-tyrosine kinase substrate in microvilli. As a member of the ERM protein family, this protein serves as an intermediate between the plasma membrane and the actin cytoskeleton. This protein plays a key role in cell surface structure adhesion, migration and organization, and it has

Target Details

been implicated in various human cancers. A pseudogene located on chromosome 3 has been identified for this gene. Alternatively spliced variants have also been described for this gene.

Molecular Weight: 69.2 kDa

NCBI Accession: [NP_003370](#)

Pathways: [Maintenance of Protein Location](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

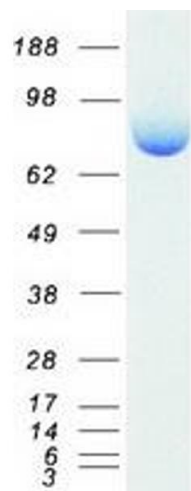
Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in: Sun, Wu, Cai, Wang, Liu, Blot, Shu, Cai: "A prospective study of autoantibodies to Ezrin and pancreatic cancer risk." in: **Cancer causes & control : CCC**, Vol. 27, Issue 6, pp. 831-5, (2016) ([PubMed](#)).

Miyaji, Shahrizaila, Umapathi, Chan, Hirata, Yuki: "Are ERM (ezrin/radixin/moesin) proteins targets for autoantibodies in demyelinating neuropathies?" in: **Human immunology**, Vol. 75, Issue 11, pp. 1089-91, (2015) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot