

Product datasheet

Recombinant Human HERC4 protein ab127116

Overview

Product name	Recombinant Human HERC4 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	Q5GLZ8
Species	Human
Molecular weight	29 kDa
Amino acids	797 to 1046
Tags	His-DHFR tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab127116** 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	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
Reconstitution	Reconstitute with water to desired concentration

General Info

Function	Probable E3 ubiquitin-protein ligase involved in either protein trafficking or in the distribution of cellular structures. Required for spermatozoon maturation and fertility, and for the removal of the
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cytoplasmic droplet of the spermatozoon. E3 ubiquitin-protein ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer it to targeted substrates.

Tissue specificity	Expressed in brain and testis and detected in heart and placenta.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain. Contains 7 RCC1 repeats.
Developmental stage	Expressed in fetal brain.
Cellular localization	Cytoplasm > cytosol. shows a punctate cytoplasmic distribution.

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