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Datasheet for ABIN2714143

ECAT1 Protein (Myc-DYKDDDDK Tag)

1 Image

Overview

Quantity:	20 µg
Target:	ECAT1 (KHDC3L)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ECAT1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human Chromosome 6 open reading frame 221 (C6orf221) 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:	ECAT1 (KHDC3L)
Alternative Name:	Chromosome 6 Open Reading Frame 221 (c6orf221) (KHDC3L Products)
Background:	The protein encoded by this gene belongs to the KHDC1 family, members of which contain an atypical KH domain that may not bind RNA like canonical KH domains. This gene is specifically expressed in the oocytes, and recent studies suggest that it may function as a regulator of genomic imprinting in the oocyte. Mutations in this gene are associated with recurrent

Target Details

biparental complete hydatidiform mole.

Molecular Weight: 24.1 kDa

NCBI Accession: [NP_001017361](#)

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.

Images



Western Blotting

Image 1. Validation with Western Blot