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## Datasheet for ABIN7319256 IZUMO4 Protein (Fc Tag)

### Overview

Quantity:	50 µg
Target:	IZUMO4
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IZUMO4 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human IZUMO4 Protein (Fc Tag)
Sequence:	His16-His214
Characteristics:	Recombinant Human Izumo sperm-egg fusion protein 4 is produced by our Mammalian expression system and the target gene encoding His16-His214 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	IZUMO4
Alternative Name:	IZUMO4 ( <a href="#">IZUMO4 Products</a> )
Background:	Background: Izumo sperm-egg fusion protein 4 is a sperm membrane protein which plays a key role in the fusion in the mouse. IZUMO4 has an N-terminal domain with significant homology to

## Target Details

the N-terminal domain of Izumo. It belongs to the Izumo family. Izumo 4 is a soluble protein expressed in the testis and in other tissues. Izumo domain possesses the ability to form dimers, whereas the transmembrane domain or the cytoplasmic domain or both of Izumo 1 are required for the formation of multimers of higher order.

Synonym: C19orf36, IMAGE:4215339, UNQ831/PRO1758

Molecular Weight: 50.1 kDa

UniProt: [Q1ZYL8](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.