

Product Name: Recombinant Human IZUMO4 (C-Fc)
Catalog #: PHH1024

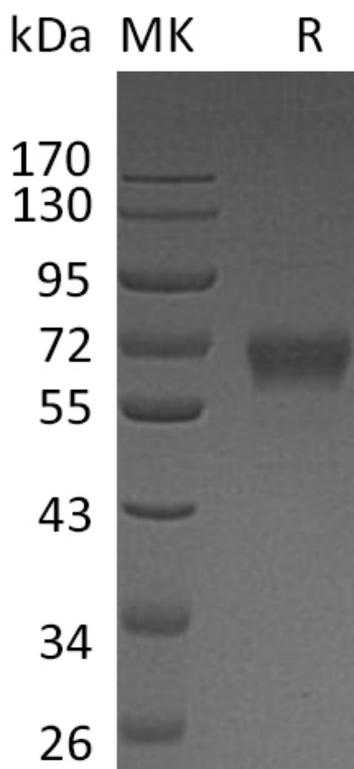


Summary

Name	Izumo sperm-egg fusion protein 4/IZUMO4/C19orf36
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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 human IgG1 Fc tag at the C-terminus.
Accession #	Q1ZYL8-2
Host	Human Cells
Species	Human
Predicted Molecular Mass	50.1 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Sperm 22 kDa protein c113; IZUMO4; C19orf36; UNQ831/PRO1758

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 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.

Note

For Research Use Only , Not for Diagnostic Use.