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32-8021: Recombinant Human Izumo Sperm-Egg Fusion Protein 4/ IZUMO4 (C-Fc)(Discontinued)

Gene : IZUMO4
Gene ID : 113177
Uniprot ID : Q1ZYL8

Description

Source: Human Cells.
MW :50.1kD.
Recombinant Human IZUMO4 is produced by our Mammalian expression system and the target gene encoding His16-His214 is expressed with a Fc tag at the C-terminus. 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.

Product Info

Amount : Fc) / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : HGCLHCHSNFSKKFSFYRHHVNFKSWWVGDIPVSGALLTDWSDDTMKELHLAIPAKITREKLDQVATAVYQM
MDQLYQGKMYFPGYFPNELRNIFREQVHLIQNAIIESRIDCQHRCGIFQYETISCNNCTDSHVACFGYNCESSAQ
WKSAVQGLLNYINNWHKQDTSMSLVSPALRCLEPPHLANLTLEDAAECLKQHVDDIEGRMDEPKSCDKTHTC
PPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTY
RVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPS
DIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.