

Recombinant Human Izumo sperm-egg fusion protein 4 Protein

Cat.NO.: TP05071

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:50.1 kDa

Sequences:His16-His214

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.