

Recombinant Human CATSPER4

Catalog No: #GP11325



Package Size: #GP11325-1 100ug

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Description

Product Name	Recombinant Human CATSPER4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 167 amino acids of human cation channel, sperm associated 4
Target Name	cation channel, sperm associated 4
Accession No.	Swissprot:Q7RTX7 Gene Accession:BC128139
Uniprot	Q7RTX7
GeneID	378807;
Storage	-20~-80°C, pH 7.6 PBS

Background

CatSper4, is a protein which in humans is encoded by the CATSPER4 gene. CatSper1 is a member of the cation channels of sperm family of protein. The four proteins in this family together form a Ca²⁺-permeant ion channel specific essential for the correct function of sperm cells. Voltage-gated calcium channel that plays a central role in calcium-dependent physiological responses essential for successful fertilization, such as sperm hyperactivation, acrosome reaction and chemotaxis towards the oocyte.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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