

CATSPER4 抗原（重组蛋白）

中文名称： CATSPER4 抗原（重组蛋白）

英文名称： CATSPER4 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概 述：

Fusion protein corresponding to C terminal 167 amino acids of human CATSPER4

技术规格：

Full name:	cation channel, sperm associated 4
Swissprot:	Q7RTX7
Gene Accession:	BC128139
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 Ca ²⁺ -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.