

CATSPER3 抗原（重组蛋白）

中文名称： CATSPER3 抗原（重组蛋白）

英文名称： CATSPER3 Antigen (Recombinant Protein)

别名： CACRC

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 299-398 amino acids of human CATSPER3

技术规格：

Full name:	cation channel, sperm associated 3
Synonyms:	CACRC
Swissprot:	Q86XQ3
Gene Accession:	BC110384
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	CatSper3, is a protein which in humans is encoded by the CATSPER3 gene. CatSper3 is a member of the cation channels of sperm family of proteins. 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.

