

## 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：

<b>Full name:</b>	cation channel, sperm associated 3
<b>Synonyms:</b>	CACRC
<b>Swissprot:</b>	Q86XQ3
<b>Gene Accession:</b>	BC110384
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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 <sup>2+</sup> -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.