

## Recombinant Human CATSPER3, His-tagged

**Cat. No.** CATSPER3-10747H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CATSPER3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-130a.a.
<b>Description</b>	CENPL is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006) [PubMed 16622420].
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

### GENE INFORMATION

<b>Gene Name</b>	CATSPER3 cation channel, sperm associated 3 [ Homo sapiens ]
<b>Official Symbol</b>	CATSPER3

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<b>Synonyms</b>	CATSPER3; cation channel, sperm associated 3; cation channel sperm-associated protein 3; CACRC; ca(v)-like protein; putative ion channel CatSper3; calcium channel repeat containing 1; one-repeat calcium channel-like protein; MGC126741;
<b>Gene ID</b>	<a href="#">347732</a>
<b>mRNA Refseq</b>	<a href="#">NM_178019</a>
<b>Protein Refseq</b>	<a href="#">NP_821138</a>
<b>MIM</b>	<a href="#">609120</a>
<b>UniProt ID</b>	<a href="#">Q86XQ3</a>
<b>Chromosome Location</b>	5q31.2
<b>Function</b>	calcium channel activity; voltage-gated ion channel activity;

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