Recombinant Human CATSPER3, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CATSPER3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-130a.a.
Description	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].
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	CATSPER3 cation channel, sperm associated 3 [Homo sapiens]
Official Symbol	CATSPER3

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Synonyms	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;
Gene ID	347732
mRNA Refseq	NM_178019
Protein Refseq	NP_821138
MIM	609120
UniProt ID	Q86XQ3
Chromosome Location	5q31.2
Function	calcium channel activity; voltage-gated ion channel activity;

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