



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### CATSPER1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00117144-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CATSPER1 full-length ORF ( AAH36522.1, 1 a.a. - 780 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MDQNSVPEKAQNEADTNNADRFFRSHSSPPHHRPGH  
SRALHHYELHHHGVPHQRGESHHPPEFQDFHDQALS  
SHVHQSHHHSEARNHGRAHGPTGFGLAPSQGAVPSH  
RSYGEDYHDELQRDGRRHHDGSQYGGFHQQSDSHY  
HRGSHHGRPQYLGENLSHYSSGVPHHGEASHHGGG  
YLPHGPNPYSESFHHSEASHLSGLQHDESQHHQVPH  
RGWPHHHQVHHHGRRSRHHEAHQHKGKSPHHGETISP  
HSSVGSYQRGISDYHSEYHQGDHHPSEYHHGDHPHH  
TQHHYHQTHRHRDYHQHQDHHGAYHSSYLHG DYVQ  
STSQLSIPHTSRSLIHDAPGPAASRTGVFPYHVAHPRG  
SAHSMTRSSSTIRSRVTQMSKKVHTQDISTKHSEDWG  
KEEQFQKRKTGRLQRTRKKGHSTNLFQWLWEKLT  
LIQGFREMIRNLTQSLAFETFIFFVCLNTVMLVAQTFA  
EVEIRGEWYFMALDSIFFCIYVVEALLKIALGLSYFFDF  
WNNLDFMAMAVLDFLLMQTHSFAIYHQSLFRILKVFK  
SLRALRAIRVLRRLSFLTSVQEVTGTLGQSLPSIAAILL  
MFTCLFLFSAVLRALFRKSDPKRFQNIFFTIFTLLTL  
DDWSLIYMDSRAQGAWYIIPILIIYIIQYFIFLNLVITVLVD  
SFQTALFKGLEKAKQERAARIQEKLLDSLTELRAAEP  
KEVASEGTMKRLIEKKFGTMTEKQKQELLFHYLQLVAS  
VEQEQQKFRSQAVIDEIVDTTFEAGEEDFRN

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 116.5

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 117144

**Gene Symbol:** CATSPER1

**Gene Alias:** CATSPER, MGC33335, MGC33368

**Gene Summary:** Calcium ions play a primary role in the regulation of sperm motility. This gene belongs to a family of putative cation channels that are specific to spermatozoa and localize to the flagellum. The protein family features a single repeat with six membrane-spanning segments and a predicted calcium-selective pore region. [provided by RefSeq]