



Recombinant Human Cation channel sperm-associated protein 1 (CATSPER1)

Product Code	CSB-CF843336HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q8NEC5
Product Type	Transmembrane Protein
Immunogen Species	Homo sapiens (Human)
Sequence	<p>MDQNSVPEKAQNEADTNNADRFFFRSHSSPPHHRPGHSRALHHYELHHHGVP HQRGESHHP PEFQDFHDQALSSHVHQSHHHSEARNHGRAHGPTGFGLAPSQGAVPSHRSY GEDYHDELQ RDGRRHHDGSQYGGFHQQSDSHYHRGSHHGRPQYLGENLSHYSSGVPHHG EASHHGGSYL PHGPNPYSESFHHSEASHLSGLQHDESQHHQVPHRGWPHHHQVHHHGRSR HHEAHQHGKS PHHGETISPHSSVGSYQRGISDYHSEYHQGDHHPSEYHHGDHPHHTQHYYH QTHRHRDYH QHGDHHGAYHSSYLHGDIYVQSTSQSLIPHTSRSLIHDAPGPAASRTGVFPYH VAHPRGSA HSMTRSSSTIRSRVTQMSKKVHTQDISTKHSEDWGKEEGQFQKRKTGRLQRT RKKGHSTN LFQWLWEKLTFLIQGFREMIRNLTQSLAFETFIFFVVCLNTVMLVAQTFAEVEIR GEWYF MALDSIFFCIYVVEALLKIIALGLSYFFDFWNNLDFIMAMAVLDFLLMQTHSFAI YHQS LFRILKVKSLRALRAIRVLRRLSFLTSVQEVTGTLGQSLPSIAAILILMFTCLFLF SAV LRALFRKSDPKRFQNIFFTIFTLLTLDWLSLIYMDSRAQGAWYIIPILVIYIIIQ YF IFLNLVITVLVDSFQTALFKGLEKAKQERAARIQEKLLLEDSTELRAAEPKEVAS EGTML KRLIEKKFGTMTEKQEQELLFHYLQLVASVEQEQKFRSQAAVIDEIVDTTFEAG EEDFRN</p>
Source	in vitro E.coli expression system
Target Names	CATSPER1
Protein Names	Recommended name: Cation channel sperm-associated protein 1 Short name= CatSper1 Short name= hCatSper
Expression Region	1-780
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.



Protein Length

full length protein

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.