

Product Information

MemDX™ Membrane Protein Human CATSPERD (Cation channel sperm associated auxiliary subunit delta) Full Length

Cat. No.: **MPC0452K**

This product is for research use only and is not intended for diagnostic use.

This product is a 90.4 kDa Human CATSPERD membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CATSPERD

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

90.4 kDa

TMD

1

Sequence

MLMLMLVAAVTMWLRPLVTAQLCRSRTVRTGKVFNLIQDVQGDRLYFHPT
TTRLIKHPCEKNIALYLGKQVFFTMDFETSLLPFTIPTSMQVGVPEVTS
AHFAGSLLLLVVDQKVYYDYENNSWSMSLGIKHPVTHVSGDNCCYTGSL
FCVHVSNLVFAYFRGDQISQTYIYYSNTGGFSFWKYHYDRQAEIIGSLGG
IFHFFSLSQVAMLVVNQKGKGMFKYSDHPLNRSFGLSFDYNGTLDILIAPG
QRGILLWFENSLLFSHNAGQLVDTVRVKKGDTLFSSEAKITIHNTA
VTENELAVITREDNLYYGNLGIVPSSIIKFADQYIWSERVEDALMFRSPGTL
EILTPLRDTAFPAFDQKCLVNIQALLMDPELVHGKCKIEFLTGEFIYRM
YTIDMHSQLELTASLIPQPGTSLIPLVMVSNPHSLGFQATFYENGYTSDG
NTKYKLDIFLKQQQHWGRDTSNFTSSLKKATMSTLTVDIANKEISCVDIK
PLSTLISVGCDDLKKIVIQNKVSACSMGILDPLTLQDNYSFIIKEFYDP
GFQGGQSSSEDLHVFYSYQQLGCPLLVYYDTLWKPVELWRKDSFQEVIDA
EYVLLEVNGQFSYSYSLTAQSAMCTSQPQNWTMIKEFGGPFFWNRENYV
SCHDPNNNAPLRWPDVQYQILGGRTANQIIFGHNGFYVFYISIVDPYYSY
CQLETIFSIVYGAFPVQLVSAGVVILLIISILGSVWLAYKTPKLLRTA
RGRRIKCATQLCRRCKTVCQFRASATARAGTEPPGRHRTPHGGRSDH

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

CATSPERD

Full Name

Cation channel sperm associated auxiliary subunit delta

Alternative Names

TMEM146; cation channel sperm-associated protein subunit delta; catSper-delta; catSperdelta; catsper channel auxiliary subunit delta; transmembrane protein 146; CATSPERD; Cation channel sperm associated auxiliary subunit delta

Gene ID

[257062](#)

UniProt ID

[Q86XM0](#)