Recombinant Human CATSPER2 protein, His-tagged

Cat. No. CATSPER2-2733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CATSPER2 protein(1 - 110 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1 - 110 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAAYQQEEQMQLPRADAIRSRLIDTFSLIEHLQGLSQAVPRHTIRELLDPSRQKKLVL GDQHQLVRFSIKPQRIEQISHAQRLLSRLHVRCSQRPPLSLWAGWVLECPLF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	storage.

GENE INFORMATION

Gene Name	CATSPER2 cation channel, sperm associated 2 [Homo sapiens]
Official Symbol	CATSPER2
Synonyms	CATSPER2; cation channel, sperm associated 2; cation channel sperm-associated protein 2; sperm ion channel; MGC33346;
Gene ID	117155
mRNA Refseq	NM_054020
Protein Refseq	NP_473361
MIM	607249
UniProt ID	Q96P56

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA