

Recombinant Full Length *Mustela putorius furo* Potassium Voltage-Gated Channel Subfamily A Member 5(Kcna5) Protein, His-Tagged

Cat. No. RFL8266MF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length <i>Mustela putorius furo</i> Potassium voltage-gated channel subfamily A member 5(KCNA5) Protein (P79197) (1-601aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| Species | <i>Mustela putorius furo</i> (European domestic ferret) (<i>Mustela furo</i>) |
| Source | <i>E. coli</i> |
| ProteinLength | Full Length (1-601) |
| Form | Lyophilized powder |
| AA Sequence | <p>MEIALVPLENGGAMTVRGGGEAGTGCSQAIGGELQCPPTAGLSDGPKEPAPRARG TQRGV DPGGRPLPPLPQDPQQPRRLPPEDEEGEGDPALGMAEDQVLGAGSLHHQ RVLINISGLRF ETQLGTLAQFPNTLLGDPAKRLRYFDPLRNEYFFDRNRPSFDGILYY YQSGGRLRRPVNV SLDVFADEIRFYQLGDEAMERFREDEGFIKEEEKPLPRNEFQR QVWLIFEYPSSGSARG IAIVSVLVILISITFCLETLPEFRDERELLRHPPVPHQPLGP SRGANGSGPLAPPSGPT VAPLLPRTLADPFFIVETTCVIWFTFELLVRRFFACPSKAEF SRNIMNIIDVVAIFPYFIT LGTELAEQPGGGGGQNGQQAMSLAILRVIRLVRVFRIFK LSRHSKGLQILGKTLQASMR ELGLLIFFLFIGVILFSSAVYFAEADNQETHFSSIPDAF WWAVVTMTTVGYGDMRPVTVG GKIVGSLCAIAGVLTIALPVPVIVSNFNFYFHRETD HEEQAALKEEQGSQSHGTGLDSSG PRKASWSKGS LCKAGVSLENADGARRGSCP</p> |

 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

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|-------------------------|---|
| | LEKCNLKAKSNVDLRRSLYALCLDTSRETD L |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Applications | SDS-PAGE |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| GENE INFORMATION | |
| Gene Name | KCNA5 |
| Synonyms | KCNA5; Potassium voltage-gated channel subfamily A member 5; Voltage-gated potassium channel subunit Kv1.5 |
| UniProt ID | P79197 |

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