

## Recombinant Mouse Slc26a6 Protein, His-tagged

**Cat. No.** Slc26a6-2070M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Slc26a6 Protein (Phe477-Leu735) with N-His tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Phe477-Leu735                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Enables PDZ domain binding activity and anion transmembrane transporter activity. Involved in several processes, including anion transport; cellular response to cAMP; and cellular response to fructose stimulus. Located in several cellular components, including apical plasma membrane; brush border membrane; and sperm midpiece. Is integral component of plasma membrane. Orthologous to human SLC26A6 (solute carrier family 26 member 6). |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 32.5 kDa<br>Accurate Molecular Mass: 33 kDa                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | > 97%                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>      | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.                                                                                                                                                                                                                 |
| <b>Storage Buffer</b> | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                      |
| <b>Reconstitution</b> | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                            |

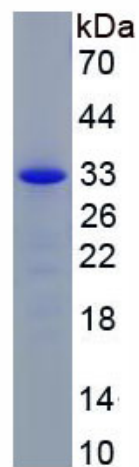
## GENE INFORMATION

|                        |                                                                                  |
|------------------------|----------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Slc26a6 solute carrier family 26, member 6 [ <i>Mus musculus</i> (house mouse) ] |
| <b>Official Symbol</b> | Slc26a6                                                                          |
| <b>Synonyms</b>        | SLC26A6; solute carrier family 26, member 6; CFEX; Pat1; B930010B04Rik;          |
| <b>Gene ID</b>         | 171429                                                                           |
| <b>mRNA Refseq</b>     | NM_134420                                                                        |
| <b>Protein Refseq</b>  | NP_599252                                                                        |
| <b>UniProt ID</b>      | Q8CIW6                                                                           |

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