

Recombinant Mouse Panx2 Protein, His-tagged

Cat. No. Panx2-1897M **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Mouse Panx2 Protein (His2-Lys253) with N-His tag was expressed in E. coli. |
| Species | Mouse |
| Source | E.coli |
| ProteinLength | His2-Lys253 |
| Description | Enables channel activity. Acts upstream of or within response to ischemia and transmembrane transport. Located in cytoplasm. Is expressed in gut; male reproductive gland or organ; nervous system; and sensory organ. Orthologous to human PANX2 (pannexin 2). |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 32.4 kDa Accurate Molecular Mass: 31 kDa |
| Purity | > 90% |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |
| Stability | 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 |

 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

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Panx2 pannexin 2 [*Mus musculus* (house mouse)]

Official Symbol

Panx2

Synonyms

Panx2; pannexin 2; pannexin-2

Gene ID

406218

mRNA Refseq

NM_001002005

Protein Refseq

NP_001002005

UniProt ID

Q6IMP4

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