

Recombinant Full Length Rat Pannexin-2(Panx2) Protein, His-Tagged

Cat. No. RFL27683RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rat Pannexin-2(Panx2) Protein (P60571) (1-674aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Rat

Source

E.coli

ProteinLength

Full Length (1-674)

Form

Lyophilized powder

AA Sequence

MHLLLEQSADMATALLAGEKLRILPGSQDDKAGALAALLLQKLELPFDRVVTIGT
 VL VPILLVTLVFTKNFAEPIYCYTPHNFTRDQALYARGYCWTELRDALPGVDASLW
 PSLFE HKFLPYALLAFAAIMYVPALGWEFLASTRLTSELNLLQEIDNCYHRAAEGRA
 PKIEKQI QSKGPGITEREKREIENAEKEKSPEQNLFEKYLERRGRSNFLAKLYLARH
 VLILLLSVV PISYLCTYYATQKQNEFTCALGASPDGPVGSAGPTVRVSKLPSVQLQ
 RIIAGVDIVLLC FMNLIILVNIHLFIFRKS NFIFDKLHKVGIKTRRQWRRSQFCDINILA
 MFCNENRDHIK SLNRLDFITNESDLMYDNVVRQLLAALAQSNHDTTPTVRDSGIQTV
 DPSINPAEPEGSAE PPVVKRPRKMKWIPTSNPLPQPFKEQLAIMRVENSKTEKPK
 PVRRTATDTLIAPLLDA GARAAHHYKGGSDTGPSSAPPAASEKKHTRHFSLDVH
 PYILGSKKAKTEAVPPALPASR SQEGGFLSQTEECGLGLAAAPT KDAPLPEKEIPYP
 TESALPSGGPFHVCSPPTASAAAASL SPSSLGKADPLTILSRNATHPLLHISTLYEARE
 EEEGGPCAPSDMGDLLSIPPPQQILIA TFEEPRTVVSTVEF

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|-----------------------|---|
| 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 | Panx2 |
| Synonyms | Panx2; Px2; Pannexin-2 |
| UniProt ID | P60571 |

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