

Recombinant Full Length Rat Gap Junction Beta-5 Protein(Gjb5) Protein, His-Tagged

Cat. No. RFL13172RF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Gap junction beta-5 protein(Gjb5) Protein (P28232) (1-271aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-271)
Form	Lyophilized powder
AA Sequence	MNWSVFEGLLSGV NKYSTAFGR IWL S L V F V R V L V Y L V T A E R V W G D D Q K D F D C N T R Q P G C T N V C Y D E F F P V S H V R L W A L Q L I L V T C P S L L V M H V A Y R K A R E K K Y Q Q E V G K G Y L Y P N P G K K R G G L W W T Y V C S L L F K A T I D I I F L Y L F H A F Y P R Y T L P S M V K C H S A P C P N T V D C F I A K P S E K N I F I V F M L V T A I V C I L L N L V E L L Y L V I K R C S E C A P A K R P P T A H A K N D P N W A N P S S K E K D F L S S D L I F L G S D T H P P L L P D R P R A H V K K T I 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.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	Gjb5
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Synonyms	Gjb5; Cxn-31.1; Gap junction beta-5 protein; Connexin-31.1; Cx31.1
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UniProt ID	P28232
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