

Recombinant Full Length Rat Gap Junction Alpha-4 Protein(Gja4) Protein, His-Tagged

Cat. No. RFL12524RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Gap junction alpha-4 protein(Gja4) Protein (Q03190) (2-333aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-333)
Form	Lyophilized powder
AA Sequence	GDWGFLEKLLDQVQEHSTVVGKIWLTVLFIFRILILGLAGESVWGDEQSDFECNTAQ PGC TNVCYDQAFPISHIRYWVLQFLFVSTPTLIYLGHVILSRREERLRQKEGELRAL PSKDP HVERALAAIEHQMAKISVAEDGRLRIRGALMGTYVISVLCKSVLEAGFLYGQ WRLYGWTM EPVFVCQRAPCPHVVD CYVSRPTEKTIFIFMLVVGVISLVLNLELVHL LCRCVSREIK ARRDHDTRPAQGSASDPYPEQVFFYLPMGEGPSSPPCPTYNGLSS TEQNWANLTTEERLT STRPPPFVNAAPQGGQKSSSRPNSSASKKQYV
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	Gja4
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Synonyms	Gja4; Cxn-37; Gap junction alpha-4 protein; Connexin-37; Cx37
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UniProt ID	Q03190
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