

Recombinant Full Length Chicken Gap Junction Alpha-1 Protein(Gja1) Protein, His-Tagged

Cat. No. RFL15966GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Chicken Gap junction alpha-1 protein(GJA1) Protein (P14154) (2-381aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-381)
Form	Lyophilized powder
AA Sequence	GDWSALGKLLDKVQAYSTAGGK VWLSVLFIFRILL LGTAVESAWGDEQSAFRCNTQ QPGC ENVCYDKSFPISHVRFWVLQIIFVSVPTLLYLAHV FYVMRKEEKL NKREEELK VVQNDGV NVDMLHKQIESKKFKY GIEEHGKVKMRGGLLR TYIISILFKSVFEVAFLLIQ WYIYG FSL SAIYTCERDPCPHRVDCFLSRPTEKTIFIVFMLV VSLVSLALNIIELFYVFF KGVKDRVK GKTD PYSHSGTMSPSKDCGSPKYAYYNGCSSPTAPLSPMSPPGYKLV TGDRNNSSCRNYN KQASEQNWANYSAEQNRMGQAGSTISNSHAQPFDFADEHQ NTKKLASGHELQPLTIVDQR PPSRASSRASSRPRPDDLEI
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

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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

GJA1

Synonyms

GJA1; Gap junction alpha-1 protein; Connexin-43; Cx43

UniProt ID

[P14154](#)

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