

# Recombinant Full Length Human Gap Junction Beta-3 Protein(Gjb3) Protein, His-Tagged

**Cat. No.** RFL4086HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Full Length Human Gap junction beta-3 protein(GJB3) Protein (O75712) (1-270aa), fused to N-terminal His tag, was expressed in E. coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | Full Length (1-270)  |
| <b>Form</b>             | Lyophilized powder   |
| <b>AA Sequence</b>      | MDWKTQLQALLSGV NKYSTAFGR IWL SVVFVFRVLVYVVAERVWGDEQKDFDCNT<br>KQPGC TNVCYDNYFPISNIRLWALQLIFVTCPSLLVILHVAYREERERRHRQKHGDQ<br>CAKLYDNA GKKHGGGLWWTYLFLSLIFKLIIEFLFLYLLHTLWHGFNMPRLVQCANVAP<br>CPNIVDCYIAR PTEKKIFTYFMVGASAVCIVLTICELCYLICHRLRGLHKDKPRGGCS<br>PSSASRASTCR CHHKLVEAGEVDPDPGNNKLQASAPNLTP I |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.  |
| <b>Applications</b>     | SDS-PAGE   |
| <b>Notes</b>            | 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.

**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** GJB3

**Synonyms** GJB3; CX31; Gap junction beta-3 protein; Connexin-31; Cx31

**UniProt ID** [O75712](#)

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