

# Recombinant Full Length Mouse Immunoglobulin Superfamily Dcc Subclass Member 3(Igdcc3) Protein, His-Tagged

**Cat. No.** RFL2249MF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <b>Product Overview</b> | Recombinant Full Length Mouse Immunoglobulin superfamily DCC subclass member 3(Igdcc3) Protein (Q8BQC3) (48-813aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | Full Length of Mature Protein (48-813)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | LGHSAELAFSVEPNDDIANPGQPIVLGCKVEGTPPVQVSWRKNGAELPEGTHHTLLA<br>NGS LLIHHFRLEQGGSPSDEGDYECVAQNRFGLLVSRKARLQAATMSDFHVHPQA<br>VTGEEGGV ARFQCQIHGLPKPLITWEKNRVPIDTDDERYTLLPKGVLQITGLRAEDS<br>GIFHCVASNIA SVRVSHGARLTVSGSGSGTYKEPTILVGPENLTLTVHQTAVLECVA<br>TGNPRPIVSWSRLD GRPIGVEGIQVLGTGNLIISDVTVQHSGVYVCAANRPGTRVRR<br>TAQGRLVVQAPAEFVQH PQSISRPA GTTAMFTCQAQGEPPPHVTWLKNGQVLGA<br>GGHVRLKNNNSTLSISGVGPEDE AIYQCVAENIAGSSQASARLTVLWAEGLPGPPR<br>NVRAVSVSSTEVRVSWSEPLAHTKEII GYVLHIRKAADSPKLEYQEAVSKSTFQHLV<br>RDLEPSTAYSFYIKAYTPRGASLASVPTLA STLGEAPVPPPLSVRLLGSSSLQLLWK<br>PWPRLAQHNGGFKLFYRPVSATSFTGPILLPGT VSSYNLSQLDPSTVYEVKLLAYN<br>QHGDGNATVRFVSLKGASERTALTPPCDCRKEDVTNH TSTTGIVIGIHIGVTCIIFCVL |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

FLLFGQRGRVLLCKDVENQLSPPQGPRSQRDPGILALN GLSRGEGGQLSRDEKPV  
DAKELEQLFPTAGSAAQPGSTPTDPAAPAPCEETQLSMVQLQG FNLVAGRTTEATS  
PCAGPGVPAPQDIGPVPLSEGQTQPPAVAAPQ

**Purity** Greater than 90% as determined by 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** Igdcc3

**Synonyms** Igdcc3; Punc; Immunoglobulin superfamily DCC subclass member 3; Putative neuronal cell adhesion molecule

**UniProt ID** [Q8BQC3](#)

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