

Recombinant Full Length Zygote Defective Protein 12(Zyg-12) Protein, His-Tagged

Cat. No. RFL27391CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Zygote defective protein 12(zyg-12) Protein (Q23529) (1-777aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Caenorhabditis elegans
Source	E.coli
ProteinLength	Full Length (1-777)
Form	Lyophilized powder
AA Sequence	MLDLTNKESESSDNGNSKYEDSIDGREVGTSKPFKEERSLEDLQADLADMAVWME GLDAT KLPLNDPQLLCNGRAFSEVLHNVDKNFFTDGWLETMPENRTTNIMVFRSCT RKLWRKMFD YVNHNRTTVSSRWTDIHERIDGIYESDLPAMVNLGMAVVTLAHIGKN AKRFVDYSKALT STHKSMMSNVAKMVTVIDEMPENPCFHEISELHGSQSELNSLS ESSGKLNGNGSSERRS NADQILVDAELEIERLRTETENQRKEIERLTKSFETAQHDM SSNSESGLDISILEKQNEEL RQKRRELEEKNLELDAAVDQFKGIVFELTNENDVLRRS DKERQRLQTVLDAAQSDLDEWK TVANQYQKEAELSKQDKEIKELLSQNKALKSRL DHHVKSATLEDANKNGIAQLRTQVGG LTALNTELKASLDSKKRCVEQLEIQLIQHKE KVKELEDKDELIEERNRLENQLIFKEAV TPRSLHESMF EAGNLSFEPFSEKNTLPLE IENKRLTERIQELESLEPLKGELITLKSNG VLEEEKLFATKQIEELQQQIEDLQENLL KNQEHASGDVVGLKIQLEKAEVEAQQMREAKM RAETNQAQVDEILKKRTAELEVNA TALQKAKAVIDELEYNRPVSEDSMTSVQAFKEMKE ENEKLRQKVEKLEIELNTVTQ

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GFEQENRLLTSASHQQVLNRSIDEVMSMRAHAGSEEPQT LLDTQKMSGALPWRL
ASETRRELPTAMASILVLGFLVFIWWMFININSALNAPPNA

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 zyg-12

Synonyms zyg-12; ber-1; ZK546.1; Zygote defective protein 12

UniProt ID [Q23529](https://www.uniprot.org/entry/Q23529)

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