

Recombinant Full Length *Xenopus laevis* Cadherin-1(Cdh1) Protein, His-Tagged

Cat. No. RFL2432XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus laevis</i> Cadherin-1(cdh1) Protein (P30944) (149-872aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus laevis</i>
Source	<i>E. coli</i>
Protein Length	Full Length of Mature Protein (149-872)
Form	Lyophilized powder
AA Sequence	DWVIPPIIVSENEKGPFPRIVQIKSSYAKEVKVYYSITGQGADTPPEGVFAIGREDG WLVNTRPLDREADIDNYVLFSHAVSSNGANVEDPMEIIKVVQDQNDNDPVFTQSVFEG SVPEGSKPGTAVMTVSATDADDSVDMYNGVITYSILNQEPKEPTNKMFTIHSEGLIS VLTGGLDREKNPVYTLTIQAADGEFGKDRTTATALIVVMDTNDNPPVFDPTQYTAK VPENEVGYEVARLTVTDEDIEGTDNAVYKIIKGNEANYFSIQTDTGNIGLLKTVKG LDYELKKQYILSVIVTNKANFSVPLQTSTATVTVSVEDVNEAPIFLPPVKEVSVSEDL SGQVATYTAQDPDKEQNQKITYVIGNDPAGWVSVNKDNGIVTGNGNLDRESKFVL NNTYKVIILAADSGSPSATGTGTLVLNLLDVNDNGPFLEPQQESFCQKDPGFRVFTII DRDLSPNTYPYKAELTGESNENWTAIVTGQSILELRPKKELEIGQYDVMITLLDSFGL SNVTKLHITICQCDGDKMQCEEKAAIAGGLGISAIVGILGGILALLLLLLLLLLFVRRKKV VKEPLLPPPEDETRDNVFSYDEEGGGEEDQDFDLSQLHRGLDARPDVIRNDVAPVLA APQYRPRPANPDEIGNFIDENLNAADNDPTAPPYDSLLVFDYEGSGSEAASLSSLNS

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	PNSDLDQDYSALNDWGPRFTKLADMYGGDED
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.
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	cdh1
Synonyms	cdh1; Cadherin-1; Epithelial cadherin; E-cadherin; Uvomorulin; xTCAD-1
UniProt ID	P30944

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