

Recombinant Full Length *Xenopus tropicalis* Ectonucleoside Triphosphate Diphosphohydrolase 7(Entpd7) Protein, His-Tagged

Cat. No. RFL23308XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Ectonucleoside triphosphate diphosphohydrolase 7(entpd7) Protein (Q28CF8) (1-610aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	<i>E. coli</i>
ProteinLength	Full Length (1-610)
Form	Lyophilized powder
AA Sequence	MARISFSCLPASWHCSLPSVTQFSRQRVALLIISVAVFILVFAAVADLQLWSSRAFR DR QFRRYLDQIEDLEATDTKDTKLNyGVVDCGSSGSRVFVYFWPPHNGNPHDLL DIKQMRD RGSKPVVKKIKPGISTMALTPEKSSDYINPLLSFAASYIPKHKHKETPLYIL CTAGMRIL PESQQIAILQDLVKDVPQEFDFLFSEAHAEVISGKQEGVYAWISINFLV RFDHVVD EED AVAVTIGTQEESIIRKRTVGVIDMGGGSLQIAYEVPTTMTYPSVEH EEVAKSMLAEFNL GCDLQHTEHVYRVYVTTFMGFGGNFARQRYEDMVFNDTITKN RIQQQQIGVHPNSPLQDP CLPVGLIDQVRRQSHDLHLV LGKGNWDSCRQQLEPLLLK SNDTQAYLNSVYQPSIDFSNSE FYGFSEFFYCTEDVLRMGGIYNSQKFAKAAKEYC SMPWTTLQDRFNSGLYSSHADQHRLK YQCFKSAWMMFSLHNGGFHPHEYPNFKTA QLVYDKEVQWTLGAILYKTRFLPLRDIRQES SRPAHVSWFRISFVYNHYLFFACILVV

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LLSIVLYILRLRRIHRRQARASALDLLLMEEGV HTVLEPGIPT

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 entpd7

Synonyms entpd7; TGas060f02.1; Ectonucleoside triphosphate diphosphohydrolase 7; NTPDase 7

UniProt ID [Q28CF8](https://www.uniprot.org/entry/Q28CF8)

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