

Recombinant Full Length *Saccharomyces Cerevisiae* Ectonucleotide Pyrophosphatase/Phosphodiesterase 1(Npp1) Protein, His-Tagged

Cat. No. RFL30278SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> Ectonucleotide pyrophosphatase/phosphodiesterase 1(NPP1) Protein (P25353) (1-742aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>S.cerevisiae</i>
Source	<i>E.coli</i>
ProteinLength	Full Length (1-742)
Form	Lyophilized powder
AA Sequence	MELQNDLESLDNELNDFSEDPFRDDFITDEDAVRSGWRSWTRMKYWFYKNRLKW TNNPIVIGDAKDSRDGSNFRRGIPLYELDANGQPIDTELVDENELSFGTGFHSKVPFK IIFRTLFGSLVFAIFLILMINIAKPHHSTRVLSHFGSPEFDPYVKYFNGTHEFFPLTIVISL DGFHPSLISKRNTPFLHDLYELKYDGGMNITSTPFMVPSFPTETFPNHWTLVTGQYPI HHGIVSNVFWDPDLNEEFHPGVLDPRIWNNNDTEPIWQTVQSAFDGDIPFKAATHM WPGSDVNYTKYNEEKLQPEHKNPIARERTPFYFDEFNAKEPLSQKLSKII EYVDMST LNERPQLILGYVPNVDAFGHKHGYPSESEYYYEDFTETLGEVDTFLKQLVESLQERN LTSFTNLVIVSDHGMSDIVVPSNVIIWEDLLDEKLRKDYVSHAYLEGPMMAISLKDSG NINEVYHNLKTSIDEDKYTVYVNGNFPKEWNFNDGKNHHMASIWVPEPGYAVMKK EQLKKVAKGDHKDKNEDNVFTIGSHGYDNNAIMRSVFIGMGPYFPQGYIEPFQNT

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EIYNLLCDICGVAEKDRNSNDGTGMLMNQLREPQSSEEEVEIEDDFDYLVSKEFST
YNIWGGYPEETE QDNVDNDNDNDGNTDEIAAMPSSSLTIKLEMTTSIPSATETLL
GETSPSSRSSSSSIQASATASTVGDWLQDIINDAKDLIDDIIDSIDDLVDSDT

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 multiple 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 NPP1

Synonyms NPP1; YCR026C; YCR246; YCR26C; Ectonucleotide pyrophosphatase/phosphodiesterase 1; E-NPP 1 [Includes: Alkaline phosphodiesterase 1; Nucleotide pyrophosphatase; NPPase; Nucleotide diphosphatase]

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UniProt ID

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