

# Recombinant Full Length Human Ntpase Kap Family P-Loop Domain-Containing Protein 1(Nkpd1) Protein, His-Tagged

**Cat. No.** RFL24523HF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Human NTPase KAP family P-loop domain-containing protein 1(NKPD1) Protein (Q17RQ9) (1-610aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Human

### Source

E.coli

### ProteinLength

Full Length (1-610)

### Form

Lyophilized powder

### AA Sequence

MQQEAAQRESEELQHVQWRPRAVSGWGV PQLLWYLVFLQPIITEVHLRRRNVQFL  
FIRFS AWQYAGTDKLWAGLVTTLCEGIRRHYGALPFSVYSVLGNKPATRDCCQSE  
WHCRRRVCL GLLALLAALGLGVGLLYLSLGGHALGHGSPSGSLLKVFGGAATTL SG  
SGLLMAYVSVGKH LFVSQRKKIERLVSREKFGSQLGFMCEVKKEVELLTDFLCFLEI  
YQRRRLRVVLEVTGLD TCYPERVVGVLNAIN TLLSDSHAPFIFILVVDPSILAACLESA  
GNMKG TADNGYLFLNRT VTL PFSVPIMGRRTKLQFLHDAVQSRDDLLYREMTRKP  
WLPGDAGGES AQL LAVQAQAGT ERGQGRIDDEAARRIQEALFCLHDERDCLYEYV  
PDNVVSMRRIVNTVPITVRL LQQQQQQ GDFGGPTPRQAVAVVLANQWPCRLSW  
ALQCLED RQQTGGAPEGRARLWDVFRDNSRELH TMTKALQNVLDLDGDPEL FERF  
LGADFPFTVAEAQSLLRCTVNL DHSIRRRMGLIRAVSA LKPPSPPKSPTRDTPHAAH  
RANSASRAPPSGRASGQAGEGHHTGDLAHRGKLWPVACALF RPGQSSPGGP

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                              |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reconstitution</b>   | 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. |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>        | NKPD1                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>         | NKPD1; NTPase KAP family P-loop domain-containing protein 1                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID</b>       | <a href="#">Q17RQ9</a>                                                                                                                                                                                                                                                                                                                                                                                      |