

# Recombinant Human LNPK Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** LNPK-4555H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | KIAA1715 MS Standard C13 and N15-labeled recombinant protein (NP_085153) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | LNPK (Lunapark, ER Junction Formation Factor) is a Protein Coding gene. Diseases associated with LNPK include Neurodevelopmental Disorder With Epilepsy And Hypoplasia Of The Corpus Callosum and Synpolydactyly.                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 47.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | <p>MGGLFSRWRTKPSTVEVLESIDKEIQALEEFREKNQRLQKLWVGRILYSSVLYLFTC</p> <p>LIVYLWYLPDEFTARLAMTLPPFAFPLIWSIRTVIIFFFSKRTERNNEALDDLKSQRKKI</p> <p>LEEVM EKETYKTAKLILERFDPDSKKAKECEPPSAGAAVTARPGQEIRQRTAAQRNL</p> <p>SPTPASPNQGPPPQVPVSPGPPKDSSAPGGPPERTVTPALSSNVLPRLH LGSPATSV</p> <p>PGMGLHPPGPPLARPILPRER GALDRIVEYLVGDGPQNRYALICQQCF SHNGMALK</p> <p>EEFEYIAFR CAYCFFLN PARKTRPQAPRLPEFSFEKRQVVEGSSSVG PLPSGSVLSS</p> <p>DNQFN EESLEHDVLD DNTEQTDDKIPATEQTNQVIEKASDSEEPEEKQETENEEASV</p> <p>IETNSTVPGADSI PDPELSGESLTAETRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

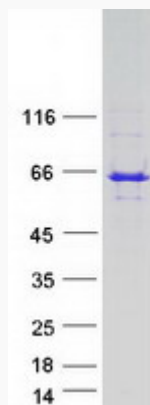
|                        |                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | LNPK lunapark, ER junction formation factor [ Homo sapiens (human) ]                                                                                                                                                                                                 |
| <b>Official Symbol</b> | LNPK                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | LNPK; lunapark, ER junction formation factor; UI; LNP; LNP1; NEDEHCC; KIAA1715; ulnaless; endoplasmic reticulum junction formation protein lunapark; 2310011O18Rik; 4921514L11Rik; ER junction formation factor lunapark; limb and neural patterns; protein lunapark |
| <b>Gene ID</b>         | 80856                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_030650                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_085153                                                                                                                                                                                                                                                            |
| <b>MIM</b>             | 610236                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | Q9C0E8                                                                                                                                                                                                                                                               |

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## SDS-PAGE



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