Recombinant Mouse Lnpk Protein, Myc/DDK-tagged

Cat. No. Lnpk-3806M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length lunapark, ER junction formation factor (Lnpk), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Endoplasmic reticulum (ER)-shaping membrane protein that plays a role in determining ER morphology. Involved in the stabilization of nascent three-way ER tubular junctions within the ER network. May also play a role as a curvature-stabilizing protein within three-way ER tubular junction network. May be involved in limb and central nervous system development.
Molecular Mass	47.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Lnpk lunapark, ER junction formation factor [Mus musculus (house mouse)]
Official Symbol	Lnpk
Synonyms	Lnpk; lunapark, ER junction formation factor; Ln; Ul; lu; Lnp; Lnpk1; AI666268; ulnaless; 2310011O18Rik; 4921514L11Rik; 9530051D01Rik; endoplasmic reticulum junction formation protein lunapark; ER junction formation factor 1; ER junction formation factor lunapark; limb and neural patterns; protein lunapark; protein ulnaless
Gene ID	69605
mRNA Refseq	NM_027133
Protein Refseq	NP_081409
UniProt ID	Q7TQ95

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