

## Product datasheet for **TP313378**

### LNP (LNPK) (NM\_030650) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human KIAA1715 (KIAA1715), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213378 representing NM_030650 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGGLFSRWRTKPSTVEVLESIDKEIQALEEFREKNQRLQKLWVGRILYSSVLYLFTCLIVYLWYLPDEF  
TARLAMTLPPFAFPLIWSIRTVIIFFFSKRTERNNALDDLKSQRKKILEEVMEKETYKTAKLILERFD  
PDSKKAKECEPPSAGAAVTARPGQEIRQTAAQRNLSPTPASPNQGPPQVPVSPGPPKDSSAPGGPPER  
TVTPALSSNVLPRLHGPATSVPGMGLHPPGPPLARPLPRERGAIDRIVEYLVGDGPQNRYALICQQCF  
SHNGMALKEEFYIAFRCAFCFLNPARKTRPQAPRLPEFSFEKRQVVEGSSSVGPLPSGVLSSDNQFN  
EESLEHDVLDNTEQTDDKIPATEQTNQVIEKASDSEEPPEEKQETENEEASVIETNSTVPGADSI DPPEL  
SGESLTAE

**TRTRPLEQKLI SEEDLAANDILDYKDDDDKV**

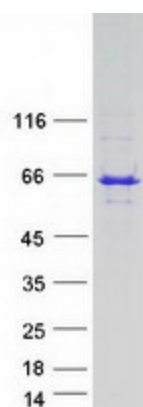
Tag:	C-Myc/DDK
Predicted MW:	47.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_085153</u>



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Locus ID:	80856
UniProt ID:	<a href="#">Q9C0E8</a>
RefSeq Size:	5765
Cytogenetics:	2q31.1
RefSeq ORF:	1284
Synonyms:	KIAA1715; LNP; LNP1; NEDEHCC; UI; ulnaless
Summary:	Endoplasmic reticulum (ER)-shaping membrane protein that plays a role in determining ER morphology (PubMed:30032983). Involved in the stabilization of nascent three-way ER tubular junctions within the ER network (PubMed:24223779, PubMed:25404289, PubMed:25548161, PubMed:27619977). May also play a role as a curvature-stabilizing protein within the three-way ER tubular junction network (PubMed:25404289). May be involved in limb development (By similarity). Is involved in central nervous system development (PubMed:30032983).[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

### Product images:



Coomassie blue staining of purified LNPK protein (Cat# TP313378). The protein was produced from HEK293T cells transfected with LNPK cDNA clone (Cat# [RC213378]) using MegaTran 2.0 (Cat# [TT210002]).