

Product datasheet for PH313378

LNP (LNPK) (NM_030650) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KIAA1715 MS Standard C13 and N15-labeled recombinant protein (NP_085153)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213378
Predicted MW:	47.6 kDa
Protein Sequence:	>RC213378 representing NM_030650 Red =Cloning site Green =Tags(s)

MGGLFSRWRTKPSTVEVLESIDKEIQALEEFREKNQRLQKLWVGRILYSSVLYLFTCLIVYLWYLPDEF
 TARLAMTLPPFAFPLIIWSIRTVIIFFFSKRTERNNALDDLKSKQKKILEEVMEKETYKTAKLILERFD
 PDSKKAKECEPPSAGAAVTARPGQEIRQTAAQRNLSTPASPNQGPPQVPVSPGPPKDSSAPGGPPER
 TVTPALSSNVLPRHLGSPATSVPGMGLHPPGPPLARPIPRERGAIDRIVEYLVGDGPQNRYALICQQCF
 SHNGMALKEEFYIAFRCAFCFFLNPAKTRPQAPRLPEFSFEKRQVVEGSSSVGPLPSGSLSSDNQFN
 EESLEHDVLDNTEQTDKIPATEQTNQVIEKASDSEEPKQETENEEASVIETNSTVPGADSIDPEL
 SGESLTAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_085153</u>
RefSeq Size:	5765
RefSeq ORF:	1284
Synonyms:	KIAA1715; LNP; LNP1; NEDEHCC; UI; ulnaless


[View online »](#)

Locus ID: 80856

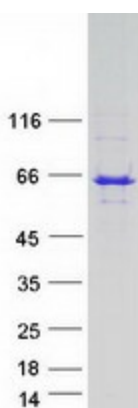
UniProt ID: [Q9C0E8](#)

Cytogenetics: 2q31.1

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]).