

## Product datasheet for PH305965

### GARNL3 (NM\_032293) Human Mass Spec Standard

#### Product data:

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Mass Spec Standards                                                                                                                |
| Description:                          | GARNL3 MS Standard C13 and N15-labeled recombinant protein (NP_115669)                                                             |
| Species:                              | Human                                                                                                                              |
| Expression Host:                      | HEK293                                                                                                                             |
| Expression cDNA Clone or AA Sequence: | RC205965                                                                                                                           |
| Predicted MW:                         | 110.7 kDa                                                                                                                          |
| Protein Sequence:                     | >RC205965 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s) |

MKHFCSVSSEDLGCRRGDFS RKHYGSVELL ISSDADGAIQRAGRFRVENGSSDENATALPGTWRRTDVH  
 LENPEYHTRWYFKYFLGQVRQNYIGNDAEKSPFFLSVTLSDQNNQVRPQYRAILWRKTGTQKICLPYSPT  
 KTL SVKSILSAMNLDKFEKGPREFHPEIQKDLLVLEE QEGSVNFKFGLFAKDGQLTDDMF SNEIGSE  
 PFQKFLNLLGDTITLKGWTGYRGLDTKNDTTGIHSVYTVYQGHEIMFHVSTMLPYSKENKQQVERKRHI  
 GNDIVTIVFQEGEESSPAFKPSMIRSHFT HIFALVRYNQNDNYRLKIFSEESVPLFGPPLPTPPVFTDH  
 QEFRDFLLVKLINGEKATLETPTFAQKRRRTL DMLIRSLHQDLMPDLHKNMLNRRSFSDVLPESPKSARK  
 KEEARQAEFVRIGQALKLSIVRGDAPSSLAASGICKKEPWEPQCFC SNFPHEAVCADPWGQALLVSTDA  
 GVLLVDDDLPSVPVFDRTL PVKQMHVLETL DLLVLRADKGKDARLFVRLSALQKLEGKQAGKSRSDCR  
 ENKLEKTKGCHLYAINTHHSRELRI VVAIRNKLLLITRKH NKPSGVTSTLLSPLSESPVEEFQYIREIC  
 LSDSPMVMTLVDGPAEESDNLICVAYRHQFDVVNESTGEAFRLHHVEANRVNFVAAIDVYEDGEAGLLC  
 YNYSYIYKVC PFNGGSFLVQPSASDFQFCWNQAPYAIVCAFPYLLAFTTDSMEIRLVVNGNLVHTAVVP  
 QLQLVASRSDIYFTATAAVNEVSSGGSSKGASARNSPQTPPGRDT PVFPSSLGEGEIQSKNL YKIPLRNL  
 VGRSIERPLKSP LVSKVITPPTPISVGLAAIPVTHSLSLSRMEIKEIASRTRRELLGLSDEGGPKSEGAP  
 KAKSKPRKRL EESQGGPKGAVRSSSSDRIPSGSLESASTSEANPEGHSASSDQDPVADREGSPVSGSSP  
 FQLTAFSDEDIIDLK

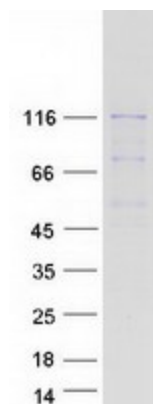
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                  |                                                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine |
| Buffer:          | 25 mM Tris-HCl, 100 mM glycine, pH 7.3                                                                                                                                   |
| Storage:         | Store at -80°C. Avoid repeated freeze-thaw cycles.                                                                                                                       |



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|                      |                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability:</b>    | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>RefSeq:</b>       | <u>NP_115669</u>                                                                           |
| <b>RefSeq Size:</b>  | 3752                                                                                       |
| <b>RefSeq ORF:</b>   | 2985                                                                                       |
| <b>Synonyms:</b>     | bA356B19.1                                                                                 |
| <b>Locus ID:</b>     | 84253                                                                                      |
| <b>UniProt ID:</b>   | <u>Q5VWW2</u>                                                                              |
| <b>Cytogenetics:</b> | 9q33.3                                                                                     |

**Product images:**


Coomassie blue staining of purified GARNL3 protein (Cat# [TP305965]). The protein was produced from HEK293T cells transfected with GARNL3 cDNA clone (Cat# [RC205965]) using MegaTran 2.0 (Cat# [TT210002]).