

Product datasheet for PH303913

Dynein (DYNLL2) (NM_080677) Human Mass Spec Standard

Product data:

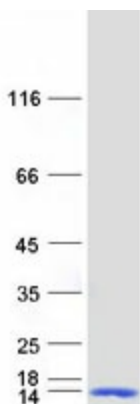
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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | DYNLL2 MS Standard C13 and N15-labeled recombinant protein (NP_542408) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC203913 |
| Predicted MW: | 10.3 kDa |
| Protein Sequence: | >RC203913 protein sequence Red=Cloning site Green=Tags(s) MSDRKAVIKNADMSEDMQQDAVDCATQAMEKYNIEKDIAAYIKKEFDKKNPTWHCIVGRNFGSYVTHET KHFIYFYLGQVAILLFKSG 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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: | NP_542408 |
| RefSeq Size: | 1522 |
| RefSeq ORF: | 267 |
| Synonyms: | Dlc2; DNCL1B; RSPH22 |
| Locus ID: | 140735 |
| UniProt ID: | Q96FJ2 |
| Cytogenetics: | 17q22 |



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Summary:

Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. May play a role in changing or maintaining the spatial distribution of cytoskeletal structures (By similarity).
[UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified DYNLL2 protein (Cat# [TP303913]). The protein was produced from HEK293T cells transfected with DYNLL2 cDNA clone (Cat# [RC203913]) using MegaTran 2.0 (Cat# [TT210002]).