

Product datasheet for PH303379

PRKRIP1 (NM_024653) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | PRKRIP1 MS Standard C13 and N15-labeled recombinant protein (NP_078929) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC203379 |
| Predicted MW: | 21 kDa |
| Protein Sequence: | <p>>RC203379 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MASPAASSVRPPRPKKEPQTLVIPKNAAEEQKLKLERLMKNPDKAVPIPEKMSEWAPRPPPEFVRDVMGS SAGAGSGEFHVYRHLRRREYQRQDYMDAMA EKQKLYAEFQKRLEKNIAAEEQTAKRRKKRQKLKEKKLL AKKMKLEQKKQEGPGQPKEQGSSSSAEASGTEEEEEEVPSFTMGR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| 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_078929</u> |
| RefSeq Size: | 2181 |
| RefSeq ORF: | 552 |
| Synonyms: | C114; KRBOX3 |
| Locus ID: | 79706 |
| UniProt ID: | <u>Q9H875</u> , <u>A0A024QYV5</u> |

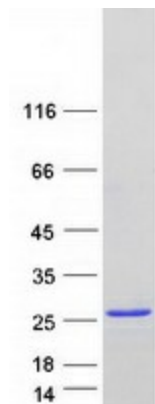


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Cytogenetics: 7q22.1

Summary: Required for pre-mRNA splicing as component of the spliceosome (PubMed:28502770, PubMed:30705154). Binds double-stranded RNA. Inhibits EIF2AK2 kinase activity (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified PRKRIP1 protein (Cat# [TP303379]). The protein was produced from HEK293T cells transfected with PRKRIP1 cDNA clone (Cat# [RC203379]) using MegaTran 2.0 (Cat# [TT210002]).