

Product datasheet for PH325744

CRPPA (NM_001101426) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | ISPD MS Standard C13 and N15-labeled recombinant protein (NP_001094896) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC225744 |
| Predicted MW: | 49.7 kDa |
| Protein Sequence: | >RC225744 representing NM_001101426 Red=Cloning site Green=Tags(s) MEAGPPGSARPAEPGPCLSGQRGADHTASASLQSVAGTEPGRHPQAVAAVLPAGGCGERMVPTPKQFCP ILERPLISYTLQALERVCIKDIIVAVTGENMEVMKSIQKYQHKRISLVEAGVTRHRSIFNGLKALAED QINSLKSKPEVVIHDAVRPFVEEGVLLKVVTAAKEHGAAGAIRPLVSTVVSPSADGCLDYSLERARHRA SEMPQAFLLFDVIYEAYQQCSDYDLEFGTECLQLALKYCCTKAKLVEGSPDLWKVTKRDL YAAESIKER ISQEICVMDTEEDNKHVGHLLLEEVKSELNHVKVTSEALGHAGRHLQQIILDQCYNFVCVNVTTSDFQE TQKLLSMLLESSLCILYPVVVVSVHFLDFKLVPPSQMENLMQIREFAKEVKERNILLYGLLISYPQDDQ KLQESLRQGAI I IASLIKERN SGLIGQLLIA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| 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: | NP_001094896 |
| RefSeq ORF: | 1353 |
| Synonyms: | hISPD; ISPD; LGMDR20; MDDGA7; MDDGC7; Nip |
| Locus ID: | 729920 |



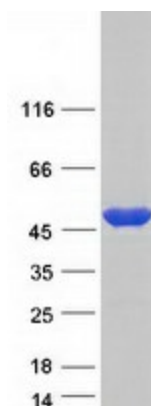
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UniProt ID: [A4D126](#)

Cytogenetics: 7p21.2

Summary: This gene encodes a 2-C-methyl-D-erythritol 4-phosphate cytidyltransferase-like protein. Mutations in this gene are the cause of Walker-Warburg syndrome. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2012]

Product images:



Coomassie blue staining of purified CRPPA protein (Cat# [TP325744]). The protein was produced from HEK293T cells transfected with CRPPA cDNA clone (Cat# [RC225744]) using MegaTran 2.0 (Cat# [TT210002]).