Recombinant Human CRPPA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CRPPA-6024H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ISPD MS Standard C13 and N15-labeled recombinant protein (NP_001094887) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a 2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase-like protein. Mutations in this gene are the cause of Walker-Warburg syndrome. Alternate splicing results in multiple transcript variants.
Molecular Mass	44.2 kDa
AA Sequence	MEAGPPGSARPAEPGPCLSGQRGADHTASASLQSVAGTEPGRHPQAVAAVLPAG GCGERMGVPTPKQFCPILERPLISYTLQALERVCWIKDIVVAVTGENMEVMKSIIQKY QHKRISLVEAGVTRHRSIFNGLKALAEDQINSKLSKPEVVIIHDAVRPFVEEGVLLKVV TAAKEHGCSDYDLEFGTECLQLALKYCCTKAKLVEGSPDLWKVTYKRDLYAAESIIK ERISQEICVVMDTEEDNKHVGHLLEEVLKSELNHVKVTSEALGHAGRHLQQIILDQCY NFVCVNVTTSDFQETQKLLSMLEESSLCILYPVVVVSVHFLDFKLVPPSQKMENLMQI REFAKEVKERNILLYGLLISYPQDDQKLQESLRQGAIIIASLIKERNSGLIGQLLIATRTR PLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CRPPA CDP-L-ribitol pyrophosphorylase A [Homo sapiens (human)]
Official Symbol	CRPPA
Synonyms	CRPPA; CDP-L-ribitol pyrophosphorylase A; Nip; ISPD; hISPD; MDDGA7; MDDGC7; LGMDR20; D-ribitol-5-phosphate cytidylyltransferase; 2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase-like protein; 4-diphosphocytidyl-2C-methyl-D-erythritol synthase homolog; isoprenoid synthase domain containing; notch1-induced protein; testicular tissue protein Li 97; EC 2.7.7.40
Gene ID	729920
mRNA Refseq	NM_001101417
Protein Refseq	NP_001094887
MIM	614631
UniProt ID	A4D126

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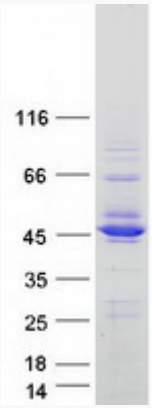
SDS-PAGE	

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