

## Product datasheet for PH308806

### NRARP (NM\_001004354) Human Mass Spec Standard

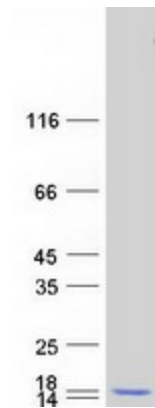
#### Product data:

Product Type:	Mass Spec Standards
Description:	NRARP MS Standard C13 and N15-labeled recombinant protein (NP_001004354)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208806
Predicted MW:	12.5 kDa
Protein Sequence:	<p>&gt;RC208806 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MSQAELSTCSAPQTQRIFQEAVRKGNTQELQSLLQNMNTNCFNVNSFGPEGQTALHQSVIDGNLELVKLL            VKFGADIRLANRDGWSALHIAAFGGHQDIVLYLITKAKYAASGR</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- 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:	<a href="#">NP_001004354</a>
RefSeq Size:	2639
RefSeq ORF:	342
Locus ID:	441478
UniProt ID:	<a href="#">Q7Z6K4</a>
Cytogenetics:	9q34.3


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**Summary:**

Downstream effector of Notch signaling. Involved in the regulation of liver cancer cells self-renewal (PubMed:25985737). Involved in angiogenesis acting downstream of Notch at branch points to regulate vascular density. Proposed to integrate endothelial Notch and Wnt signaling to control stalk cell proliferation and to stabilize new endothelial connections during angiogenesis (PubMed:19154719). During somitogenesis involved in maintenance of proper somite segmentation and proper numbers of somites and vertebrae. Required for proper anterior-posterior somite patterning. Proposed to function in a negative feedback loop to destabilize Notch 1 intracellular domain (NICD) and downregulate the Notch signal, preventing expansion of the Notch signal into the anterior somite domain (By similarity). [UniProtKB/Swiss-Prot Function]

**Product images:**


Coomassie blue staining of purified NRARP protein (Cat# [TP308806]). The protein was produced from HEK293T cells transfected with NRARP cDNA clone (Cat# [RC208806]) using MegaTran 2.0 (Cat# [TT210002]).