

## Product datasheet for PH303602

### NMRAL1 (NM\_020677) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NMRAL1 MS Standard C13 and N15-labeled recombinant protein (NP_065728)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203602
Predicted MW:	33.3 kDa
Protein Sequence:	<p>&gt;RC203602 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MVDKKLVVVFGGTGAQGGSVARTLLEDGTFKVRVVTNRNPRKKAAKELRLQGAENVQGDQDDQVIMELALN            GAYATFIVTNYWESCSQEQEVKQKLLADLARRLGLHYVYSGLENIKKLTAGRLAAAHFDGKGEVEEYF            RDIGVPMTSVRLPCYFENLLSHFLPQKAPDGKSYLLSLPTGDVPMDGMSVSDLGPPVLSLLKMPEKYVGQ            NIGLSTCRHTAEEYAALLTKHTRKVVDHAKMTPEDYEKLGFPGARDLANMFRFYALRPDRDIELTLRLNP            KALTLDQWLEQHKGDFNLL</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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_065728</u>
RefSeq Size:	1401
RefSeq ORF:	897
Synonyms:	HSCARG; SDR48A1
Locus ID:	57407

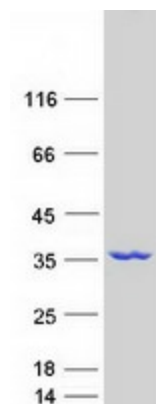

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UniProt ID: [Q9HBL8](#), [A0A384P622](#)

Cytogenetics: 16p13.3

**Summary:** This gene encodes an NADPH sensor protein that preferentially binds to NADPH. The encoded protein also negatively regulates the activity of NF-kappaB in a ubiquitylation-dependent manner. It plays a key role in cellular antiviral response by negatively regulating the interferon response factor 3-mediated expression of interferon beta. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015]

## Product images:



Coomassie blue staining of purified NMRAL1 protein (Cat# [TP303602]). The protein was produced from HEK293T cells transfected with NMRAL1 cDNA clone (Cat# [RC203602]) using MegaTran 2.0 (Cat# [TT210002]).