

## Product datasheet for PH320899

### SRA1 (NM\_001035235) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SRA1 MS Standard C13 and N15-labeled recombinant protein (NP_001030312)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220899
Predicted MW:	25.5 kDa
Protein Sequence:	>RC220899 representing NM_001035235 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MTRCPAGQAEVEMAELYVKPGNKERGWNDPPQFSYGLQTQAGGPRRSLLTRVAAPQDGSRPVASETSP GPPPMGPPPPSSKAPRSPVSGSPASGVEPTSPVSEAVMEDVLRPLEQALEDRCRGHTRKQVCDDISRR LALLQEQWAGGKLSIPVKRMALLVQELSSHRWDAADDIHRSLMVDHVTEVSQWMVGVKRLIAEKRSLFS EEAANEKSAATAEKNHTIPGFQQAS  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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:	<a href="#">NP_001030312</a>
RefSeq Size:	1534
RefSeq ORF:	1991
Synonyms:	pp7684; SRA; SRAP; STRAA1
Locus ID:	10011
UniProt ID:	<a href="#">Q9HD15</a>

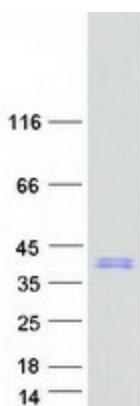


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**Cytogenetics:** 5q31.3

**Summary:** Both long non-coding and protein-coding RNAs are transcribed from this gene, and they represent alternatively spliced transcript variants. This gene was initially defined as a non-coding RNA, which is a coactivator for several nuclear receptors (NRs) and is associated with breast cancer. It has now been found that this gene is involved in the regulation of many NR and non-NR activities, including metabolism, adipogenesis and chromatin organization. The long non-coding RNA transcripts interact with a variety of proteins, including the protein encoded by this gene. The encoded protein acts as a transcriptional repressor by binding to the non-coding RNA. [provided by RefSeq, Mar 2012]

### Product images:



Coomassie blue staining of purified SRA1 protein (Cat# [TP320899]). The protein was produced from HEK293T cells transfected with SRA1 cDNA clone (Cat# [RC220899]) using MegaTran 2.0 (Cat# [TT210002]).