

## Product datasheet for PH304784

### SERF2 (NM\_001018108) Human Mass Spec Standard

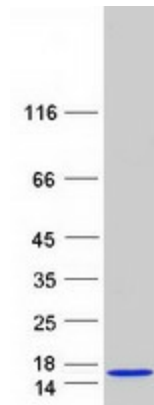
#### Product data:

Product Type:	Mass Spec Standards
Description:	SERF2 MS Standard C13 and N15-labeled recombinant protein (NP_001018118)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204784
Predicted MW:	6.9 kDa
Protein Sequence:	>RC204784 protein sequence Red=Cloning site Green=Tags(s)  MTRGNQRELARQKNMKQSDSVKGKRRDDGLSAAARKQRDSEIMQKQKKANEKKEEPK  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_001018118</a>
RefSeq Size:	3048
RefSeq ORF:	177
Synonyms:	4F5REL; FAM2C; H4F5REL; HsT17089
Locus ID:	10169
UniProt ID:	<a href="#">P84101</a>
Cytogenetics:	15q15.3


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**Summary:**

Positive regulator of amyloid protein aggregation and proteotoxicity (PubMed:20723760). Induces conformational changes in amyloid proteins, such as HTT, driving them into compact formations preceding the formation of aggregates (PubMed:20723760).[UniProtKB/Swiss-Prot Function]

**Product images:**


Coomassie blue staining of purified SERF2 protein (Cat# [TP304784]). The protein was produced from HEK293T cells transfected with SERF2 cDNA clone (Cat# [RC204784]) using MegaTran 2.0 (Cat# [TT210002]).