

## Product datasheet for **TP304784**

### SERF2 (NM\_001018108) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human small EDRK-rich factor 2 (SERF2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204784 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MTRGNQRELARQKNMKKQSDSVKGRRDDGLSAAARKQRDSEIMQQKQKKANEKKEEPK
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	6.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001018118</a>
Locus ID:	10169
UniProt ID:	<a href="#">P84101</a>
RefSeq Size:	3048
Cytogenetics:	15q15.3



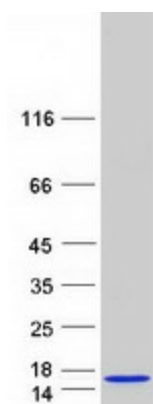
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RefSeq ORF: 177

Synonyms: 4F5REL; FAM2C; H4F5REL; HsT17089

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]).