

## Recombinant Mouse Mrf Protein, Myc/DDK-tagged

Cat. No. Mrf-4176M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length mitochondrial ribosome recycling factor (Mrf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Responsible for the release of ribosomes from messenger RNA at the termination of protein biosynthesis. May increase the efficiency of translation by recycling ribosomes from one round of translation to another.
<b>Molecular Mass</b>	29.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Mrrf mitochondrial ribosome recycling factor [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Mrrf
<b>Synonyms</b>	MRRF; mitochondrial ribosome recycling factor; ribosome-recycling factor, mitochondrial; ribosome-releasing factor, mitochondrial; RRF; MRFF; MTRRF; 2400002D02Rik
<b>Gene ID</b>	67871
<b>mRNA Refseq</b>	NM_026422
<b>Protein Refseq</b>	NP_080698
<b>UniProt ID</b>	Q9D6S7

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