

## Recombinant Mouse Rnf4 protein, His & GST-tagged

Cat. No. Rnf4-1654M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Rnf4 aa. (Met1~Ile194 (Accession # Q9QZS2)) fused with N-terminal His & GST tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1~Ile194
<b>Description</b>	This gene encodes a small nuclear RING finger protein that mediates ubiquitylation of polysumoylated proteins. Deficiency of the encoded protein in mice leads to embryonic lethality and global DNA hypermethylation. A similar protein in humans is required for arsenic-induced degradation of promyelocytic leukemia protein in acute promyelocytic leukemia. Alternative splicing of this gene results in multiple transcript variants. A pseudogene for this gene has been identified on chromosome 10.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 51.9kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>90%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
<b>Reconstitution</b>	Reconstitute in sterile ddH <sub>2</sub> O.
<b>Isoelectric Point</b>	7.6

## GENE INFORMATION

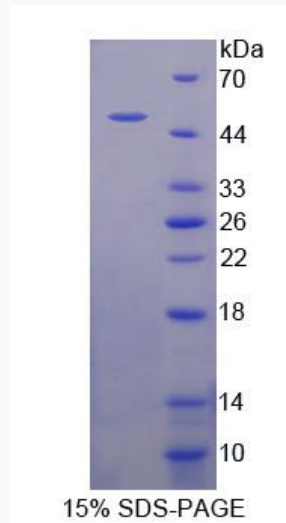
<b>Gene Name</b>	Rnf4 ring finger protein 4 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Rnf4
<b>Synonyms</b>	Rnf4; ring finger protein 4; SNURF; Gtrgeo8; AU018689; E3 ubiquitin-protein ligase RNF4; E3 ubiquitin ligase RNF4; RING-type E3 ubiquitin transferase RNF4
<b>Gene ID</b>	19822
<b>mRNA Refseq</b>	NM_001304269.1
<b>Protein Refseq</b>	NP_001291198.1
<b>UniProt ID</b>	Q9QZS2

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**SDS-PAGE**



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