Recombinant Mouse Rnf4 protein, His & GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Rnf4 aa. (Met1~Ile194 (Accession # Q9QZS2)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Ile194
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 51.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.

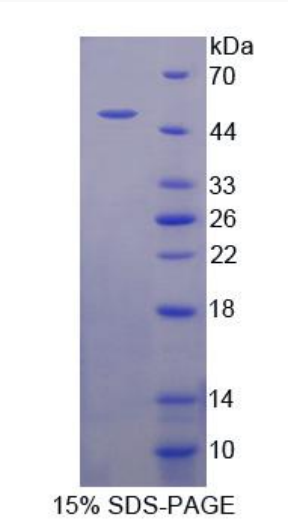
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.
Isoelectric Point	7.6

GENE INFORMATION

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

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SDS-PAGE	 15% SDS-PAGE

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