

Recombinant Mouse Rtl1 Protein, His&SUMO-tagged

Cat. No. Rtl1-1211M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Rtl1 Protein (Asn296-Glu416) with His&SUMO tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asn296-Glu416
Description	Predicted to be located in membrane. Predicted to be integral component of membrane. Is expressed in several structures, including crus of diaphragm; genitourinary system; gut; nervous system; and skeletal muscle. Orthologous to human RTL1 (retrotransposon Gag like 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.7 kDa; Accurate Molecular Mass: 38 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Rtl1 retrotransposon-like 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Rtl1](#)

Synonyms

RTL1; retrotransposon-like 1; retrotransposon-like protein 1; paternally expressed gene 11 protein; retrotransposon-derived protein PEG11; mammalian retrotransposon derived protein 1; Mar; Mor1; Mart1; Peg11; 6430411K18Rik;

Gene ID

[353326](#)

mRNA Refseq

[NM_184109](#)

Protein Refseq

[NP_908998](#)

UniProt ID

[Q7M732](#)

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