Recombinant Rat Rspo1 protein, His-tagged

Cat. No. Rspo1-1944R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Rspo1 aa. (Ala136~Thr262) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala136~Thr262
Form	Freeze-dried powder
Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
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.

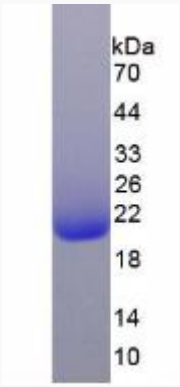
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	10.2

GENE INFORMATION

Gene Name	Rspo1 R-spondin 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Rspo1
Synonyms	Rspo1; R-spondin 1; RGD1565558; R-spondin-1
Gene ID	313589
mRNA Refseq	NM_001107980.1
Protein Refseq	NP_001101450.1
UniProt ID	D3ZBD1

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SDS-PAGE	

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