

R-Spondin 1 (RSP01) Recombinant Protein | RSP01 recombinant protein

Recombinant R-Spondin 1 (RSP01)

CATALOG # AAA135473	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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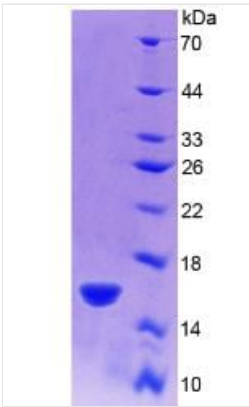
PRODUCT SYNONYMS

R-Spondin 1 (RSP01); Recombinant R-Spondin 1 (RSP01); RSP01 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSQSEF-SR GIKGKRQRR SAEGSQSCAK GCELCSEVNG CLKCSPKLF LLERNDIRQV GVCLPSCPPG YFDARNPDMN KCICKIEHC EACFSHNFT KCQEGLYLHK GRCYPACPEG STA
Sequence Length	262
Applicable Applications for RSP01 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Ser21~Ala135 (Accession # D3ZBD1) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

SRGIKGRQR RISAEGSQSC AKGCELCSEV
NGCLKCSPKL FILLERNDIR QVGVCLPSCP PGYFDARNPD MNKCIKCKIE
HCEACFSHNF CTKCQEGLYL HKGRCPACP EGSTA

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	157818717
NCBI GeneID	313589
NCBI Accession #	NP_001101450.1
NCBI GenBank Nucleotide #	NM_001107980.1
UniProt Accession #	D3ZBD1
Molecular Weight	14.2kDa
NCBI Official Full Name	R-spondin-1
NCBI Official Synonym Full Names	R-spondin 1
NCBI Official Symbol	Rspo1
NCBI Official Synonym Symbols	RGD1565558
NCBI Protein Information	R-spondin-1
UniProt Protein Name	Protein Rspo1
UniProt Gene Name	Rspo1
UniProt Synonym Gene Names	Rspo1_predicted
UniProt Entry Name	D3ZBD1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.