Recombinant Human RSPO2 HEK293T cell lysate

Cat. No. RSPO2-42HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human RSPO2 was derived from Human HEK293T cell line.
Species	Human
Source	HEK293
Description	This gene encodes a member of the R-spondin family of proteins. These proteins are secreted ligands of leucine-rich repeat containing G protein-coupled receptors that enhance Wnt signaling through the inhibition of ubiquitin E3 ligases. A chromosomal translocation including this locus that results in the formation of a gene fusion has been identified in multiple human cancers. Alternative splicing results in multiple transcript variants.
Form	The cell lysate is provided in RIPA buffer.
Molecular Mass	28.1 kDa
Usage	1 vial of 100 ug gene specific transient over-expression cell lysate in RIPA buffer1 vial of 100 ug empty vector transfected control cell lysate in RIPA buffer1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Storage	The lysate is shipped with dry ice. Upon receiving, store the sample at -20 centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles.Lysate samples can be diluted with

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	2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20 centigrade for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name	RSPO2 R-spondin 2 [Homo sapiens]
Official Symbol	RSPO2
Synonyms	RSPO2; R-spondin 2; R spondin 2 homolog (Xenopus laevis); R-spondin-2; MGC35555; R-spondin 2 homolog; roof plate-specific spondin-2; CRISTIN2; MGC43342;
Gene ID	340419
mRNA Refseq	NM_178565
Protein Refseq	NP_848660
MIM	610575
UniProt ID	Q6UXX9
Chromosome Location	8q23.1
Function	heparin binding;

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