Human RSPO3 (22-146) Protein, hFc Tag

Cat. No. PME100671

PRODUCT INFORMATION

Target	RSPO3
Synonyms	CRISTIN1;PWTSR;THSD2
Description	Recombinant human RSPO3(22-146) protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9BXY4
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	RSPO3(Gln22-Val146) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 38.6 kDa after removal of the signal peptide. The apparent molecular mass of RSPO3(22-146)-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene belongs to the R-spondin family. The encoded protein plays a role in the regulation of Wnt (wingless-type MMTV integration site family)/beta-catenin and Wnt/planar cell polarity (PCP) signaling pathways, which are involved in development, cell growth and disease pathogenesis. Genome-wide association studies suggest a correlation of this gene with bone mineral density and risk of fracture. This gene may be involved in tumor development. [provided by RefSeq, Jul 2013]
Usage	Research use only
Conjugate	Unconjugated

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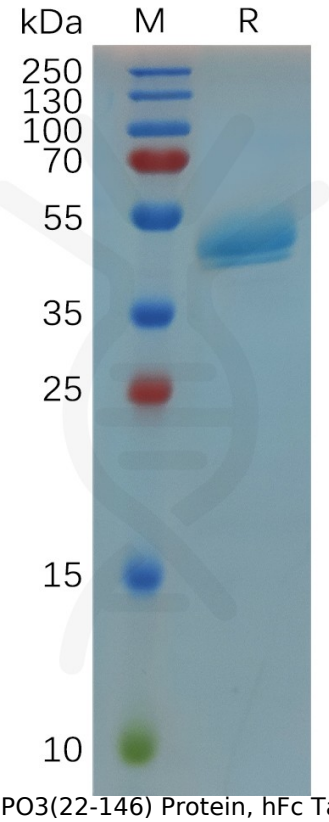


Figure 1. Human RSPO3(22-146) Protein, hFc Tag on SDS-PAGE under reducing condition.

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