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Rspo1, 21-265aa, Mouse, His-tag, Baculovirus

产品货号: TP03806

第三版

别名:R-spondin-1, Rspo1, RSPO, R-spondin 1, R-spondin, Rspodin, CRISTIN3

描述:Rspo1, as known as R-spondin-1, is a member of the Rspodin family. It is an activator of the canonical Wnt signaling pathway by acting as a ligand for LGR4-6 receptors and in non-canonical Wnt signaling pathway by acting as an inhibitor of ZNRF3. Also, this protein induces the rapid onset of crypt cell proliferation and increases intestinal epithelial healing effect. Recombinant mouse Rspo1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:28.2kDa (254aa), 28-40kDa (SDS-PAGE under reducing conditions.)

序列:

ADPSRGIKGRQRRISAEGSQACAKGCELCSEVNGCLKCSPKLFILLERNDIRQVGVCLPSCPPGYFDARNPDMNKCICKI
EHCEACFSHNFKCKQEGLYLHKGRCPACPEGSTAANSTMECGSPAQCEMSEWSPWGPCSKKRKLCGFRKGEERTRR
VLHAPGGDHTTCSDTKETRKCTVRRTPCEGQKRRKGGQGRRENANRHPARKNSKEPGSNSRRHKGQQQPQPGTTGP
LTSVGPTWAQH HHHHHH

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.