

Stable Cell Line

Product Data

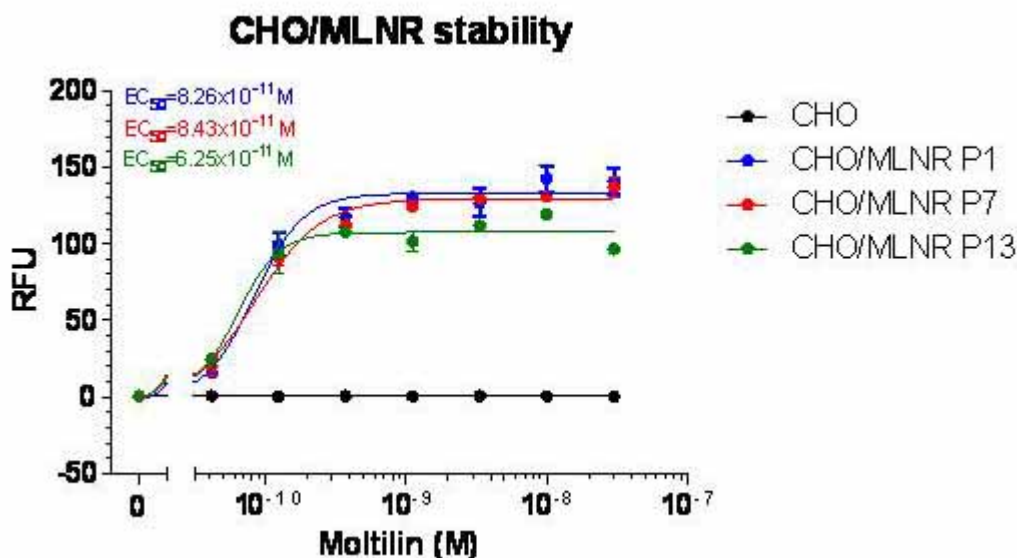
CAT#: SL500046

Human Motilin Receptor MLNR Stable cell Line - CHO-K1

Description	Human Motilin Receptor MLNR Stable cell Line - CHO-K1
Gene	MLNR
Accn	NM_001507
Synonyms	GPR38; MTLR1
Host Cell	CHO-K1
Format	Cryopreserved cells, 6 x 10E6 cells/vial
Mycoplasma	Negative by MycoAlert Kit, Lonza
Cell Line Validation	Function assay: Calcium dose-response for motilin stimulation

Background

Motilin Receptors (MLNRs) are Gq/11-protein-coupled receptors that mediate progastric effects. MLNRs are found at their highest concentrations in the nerves of the antral wall of the stomach and are also found at significant levels throughout the smooth muscle of the upper gastrointestinal (GI) tract and in the enteric nervous system. Motilin receptor promotes gastric emptying after food intake and increases smooth muscle contraction in the GI tract, and thus, is clinically a potential drug target for the treatment of hypomotility disorders.



UK & Rest of the World
AMS Biotechnology (Europe) Ltd
184 Park Drive, Milton Park
Abingdon, OX14 4SE, UK
T: +44 (0)1235 828 200
F: +44 (0)1235 820 482



AMS BIO | www.amsbio.com | info@amsbio.com

North America
amsbio LLC
1035 Cambridge Street,
Cambridge, MA 02141
T: +1 (617) 945-5033 or
T: +1 (800) 987-0985
F: +1 (617) 945-8218



Germany
AMS Biotechnology (Europe) Ltd
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
T: +49 (0) 69 779099
F: +49 (0) 69 13376880



Switzerland
AMS Biotechnology (Europe) Ltd
Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
T: +41(0) 91 604 55 22
F: +41(0) 91 605 17 85