

Specifications:

Gene:	hGPR112
Accession:	NP_722576
Insert size:	9256bp
Concentration:	10µg at 0.2µg/µL

hGPR112 cDNA Plasmid

GPR112 G protein-coupled receptor 112 [*Homo sapiens* (human)]

Also known as: PGR17; RP1-299116

Summary:

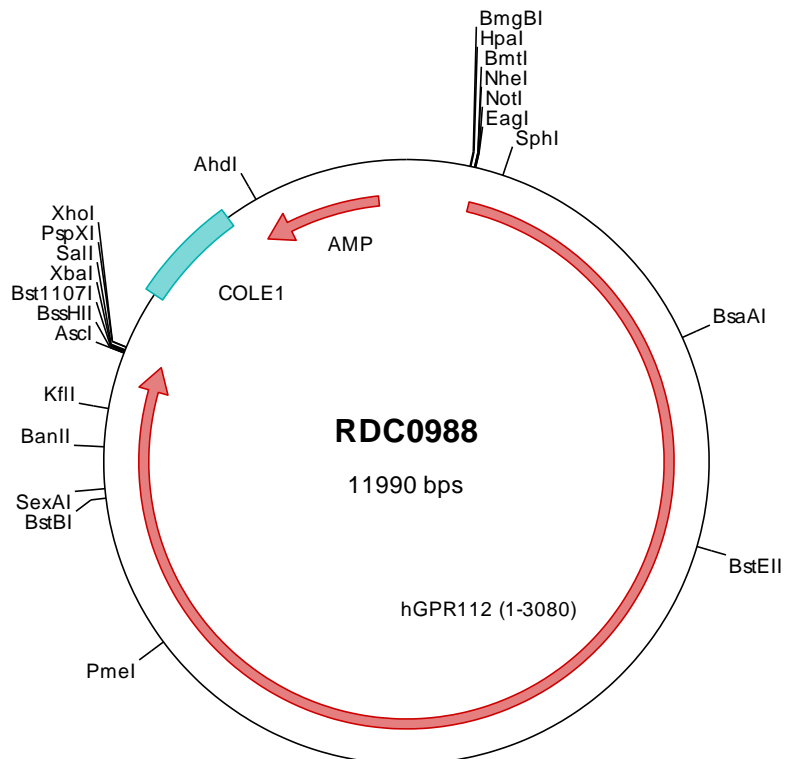
GPR112 is a G protein-coupled receptor that belongs to a large family of diverse integral membrane proteins that participate in various physiological functions. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. This orphan receptor is known to be expressed in normal enterochromaffin cells and in gastrointestinal neuroendocrine carcinoma cells. It is therefore considered to be a biomarker or target for immunotherapy. Alternatively spliced transcripts encoding different proteins have been described.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0988 Plasmid DNA Sequence

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> RDC088 Translated Insert Sequence

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1801 llektsltny atslntpvsv pwtppsatl psltsfvsvp hsteaeistp ktsppptsqm vefpvlgrtm tssntqplm tsvniptaeg sqfpisttin
1901 vptsnemete tlhlpvpls tftastqglv skdvmamssi pmsgilpnhg pmsgilpnhg vsnpslst lraittslad vkhtfekmt tsvtpgtlps lsgatsgsv
2001 iskspiltwl lsslpsgsp atvsnaphvm tsstvevks tfltsdmisa hpftnltlp satmstilt rtiptptlgi ttgfpstlpm sinvtddiv
2101 ishppeassr ttitanprvt shpsfsrkt mspsttdhtl svgampvps titsswnrip tasspstlii pkptldsln imttstvtp asfplstgv
2201 ythfpatvsv pissftettw ldstpsflst eastsptatk riiertghkm vsfvveepr ipitsvinef tenslnsifg vgtttafstle tskstgaisi ipktsrdise
2301 eemvmdrail egreggemat isyvypscvc qviiakassl assemkrkik skihgnftg nftqgdltl vnchevavkk lepqnckade taskykgtyk
2401 wlltnpteta qtrcikned natrfcsisi ntgksqwepl kfkqckllg lpdkivlan itisdenaev vaeihlnlin espalgkeet kiivskisdi
2501 sqcdeismnl thmlqliinv vlekqnsnas dlheisneil riiertghkm fspgqianlt vaglalavr vdhtfdgmaf shysyeegt peiflgnvpv
2601 ggilasiykp ksltericpn nlgtlfnff gqtslftktn vtikalttvsv sasisdmdfi qnladpvvit lqhiggngny gqvhcafwdl ennnlggwn
2701 ssgckvketn vnyticqcdh lthfgvlmdl srstvdsvne cgilalityg cgissiflvg avvtyiafhs lrkdypakil lnctalml nlfvlinslv
2801 ssgkvgvci taavalhyfl lvsftwmgle avhmylalvk vfnliyipyi lkfcvlgwgi paimvaitvs vkkdlygtls ptpfcwkd dsifylsvva
2901 yfcliflmln smfctvlvql nsvksiqkt rrkmlhlhdk gtmstlftllg ltwgfaffaw gpmrnfflyl faifntlqgf fivfvhcvmk esvreqwqih
3001 lccgwlrldn ssdssrcqi kvgykqeglk kifehklltp slkstatst fkslgsaagt pseisfpnd fdkdpycsp

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