

ELISA Kit FOR Beta-2 adrenergic receptor

Description

Gene name:	ADRB2;
Protein name:	Beta-2 adrenergic receptor;
Alternative:	Beta-2 adrenoreceptor(Beta-2 adrenoceptor);
Organism:	Pig (Sus scrofa).

General Annotation

Sub Unit:	Binds SLC9A3R1 and GPRASP1. Interacts with ARRB1 and ARRB2. Interacts with SRC, USP20 and USP33.
Function:	Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine.
Subcellular Location:	Cell membrane Multi-pass membrane protein

Protein Attributes:

Sequence length:	418
Sequence:	
50:	MGQPGNRSVF LLAPNGSHAP DQDVPQERDE A WVVGM AIVM SLIVL AIVFG
100:	NVLVIT AIAK FERLQTVTNY FITSLACADL VMGLA VV PFG ASHILMKMWT
150:	FGSFW CEFWI SIDVLCVTAS IETLCVIA VD RYL AITSPFK YQCLLTKNKA
200:	RVVILMVVVV SGLISFLPIK MHWYQA THRE ALNCYAEEAC CDFFTNQPYA
250:	IASSIVSFYL PLVVMVFVYS RVFQVARRQL QKIDKSEGRF HAQNLSQAEQ
300:	DGRSGPGHRR SSKFCLKCHK ALKTLGIIMG TFTLCWLPFF IVNIVHGHD
350:	NLIPKEVYIL LNWVGYNVSA FNPLIYCRSP DFRMAFQELL CLHRSSLKAY
400:	GNGCSSNSNG RTDYTGQESG CYLGEEKDSE RLCEDAPGPE GCAHRQGTVP
418:	DDSTDSQGRN CSTNDSML
3D Structure:	N/A

Related Databases

SMR:	Q28997
String:	Q28997
UniGene:	Ssc.16077

STRING:	9823.ENSSSCP00000015357
KEGG:	ssc:397357
Pfam:	PF00001
Uniprot:	Q28997

References
