

QRFP receptor (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database

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Abstract

The human gene encoding the QRFP receptor (**nomenclature as agreed by the NC-IUPHAR Subcommittee on the QRFP receptor [16]**; QRFP, formerly known as the Peptide P518 receptor), previously designated as an orphan GPCR receptor was identified in 2001 by Lee *et al.* from a hypothalamus cDNA library [15]. However, the reported cDNA (AF411117) is a chimera with bases 1-127 derived from chromosome 1 and bases 155-1368 derived from chromosome 4. When corrected, QRFP (also referred to as SP9155 or AQ27) encodes a 431 amino acid protein that shares sequence similarities in the transmembrane spanning regions with other peptide receptors. These include neuropeptide FF2 (38%), neuropeptide Y₂ (37%) and galanin Gal₁ (35%) receptors.

Contents

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Database links

QRFP receptor

<http://www.guidetopharmacology.org/GRAC/FamilyDisplayForward?familyId=54>

Introduction to QRFP receptor

<http://www.guidetopharmacology.org/GRAC/FamilyIntroductionForward?familyId=54>

Receptors

QRFP receptor

<http://www.guidetopharmacology.org/GRAC/ObjectDisplayForward?objectId=333>

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