

Detail

7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters (G protein-coupled receptor 97), also known as PB99 or PGR26, is a 549 amino acid multi-pass protein that contains one GPS domain and belongs to the G-protein coupled receptor 2 family. GPR97 is an orphan receptor that is thought to play a role in signaling events throughout the cell.

Function:

Orphan receptor.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Similarity:

Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.
Contains 1 GPS domain.

SWISS:

Q86Y34

Gene ID:

222487

Database links:

[Entrez Gene: 222487](#) Human

[Entrez Gene: 54672](#) Mouse

[Entrez Gene: 291854](#) Rat

[SwissProt: Q86Y34](#) Human

[SwissProt: Q8R0T6](#) Mouse

[Unigene: 383403](#) Human

[Unigene: 27995](#) Mouse