

GPR37L1

GPR37L1 (G Protein-Coupled Receptor 37 Like 1) is a Protein Coding gene. Diseases associated with GPR37L1 include Epilepsy, Familial Temporal Lobe.

Among its related pathways are Neuroscience and Peptide ligand-binding receptors. Gene Ontology (GO) annotations related to this gene include G protein-coupled receptor activity and G protein-coupled peptide receptor activity. An important paralog of this gene is GPR37.

The investigation of the most highly expressed GPCRs in OPCs compared to oligodendrocyte in silico and in vitro presents the significant role of GPCRs in remyelination induction. Among the 14 GPCRs mentioned in this study, GPR37L1 is a potential remyelinating drug target and is suggested for further studies ¹⁾.

¹⁾

Karami N, Aligholi H, Rahimi M, Azari H, Kalantari T. G Protein Coupled Receptors Potentially Involved in Oligodendrogenesis: A Gene Expression Analysis. Iran J Public Health. 2022 Oct;51(10):2325-2333. doi: 10.18502/ijph.v51i10.10991. PMID: 36415811; PMCID: PMC9647597.

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