

Title (en)
HUMAN AND MURINE G-PROTEIN-COUPLED EDG6 RECEPTOR (ENDOTHELIAL DIFFERENTIATION GENE) AND USE OF SAME

Title (de)
HUMANER UN MURINER G-PROTEIN GEKOPPELTER REZEPTOR EDG6 (ENDOTHELIAL DIFFERENTIATION GEN) UND SEINE VERWENDUNG

Title (fr)
RECEPTEUR EDG6 (GENE DE DIFFERENTIATION DE CELLULES ENDOTHELIALES) HUMAIN ET MURIN COUPLE A DES PROTEINES G ET SON UTILISATION

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Abstract (en)
[origin: WO0015784A2] The invention relates to the G protein-coupled EDG6 receptor, fragments, variants and mutations thereof, as well as to its use. Areas of application of the invention include molecular biology, pharmacy and medicine. The aim of the invention is to isolate and identify a further member of the family of EDG receptors and to permit its use for medical purposes. The new human EDG6 receptor comprises 384 amino acids of sequence 1 having seven transmembrane domains. The receptor has a possible N-terminal glycolysis site, three possible palmitoylation sites, between 12 and 15 amino acids in the C-terminal position of the seventh transmembrane domain and four possible C-terminal protein kinase C-phosphorylation sites. The invention further relates to the use of the EDG6 receptor, its fragments, variants and mutations and possibly its binding partners for therapeutic methods and treatments.

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