

Recombinant Human GJA1

Catalog No: #GP10334



Package Size: #GP10334-1 100ug

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Description

Product Name	Recombinant Human GJA1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 232-382 amino acids of human GJA1
Target Name	gap junction protein alpha 1
Other Names	HSS; CMDR; CX43; EKVP; GJAL; ODDD; AVSD3; HLHS1; PPKCA
Accession No.	Swissprot:P17302Gene Accession:BC026329
Uniprot	P17302
GeneID	2697;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene is a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials from cell to cell. The encoded protein is the major protein of gap junctions in the heart that are thought to have a crucial role in the synchronized contraction of the heart and in embryonic development. A related intronless pseudogene has been mapped to chromosome 5. Mutations in this gene have been associated with oculodentodigital dysplasia, autosomal recessive craniometaphyseal dysplasia and heart malformations.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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