

Recombinant Human GJD2 Protein, GST-tagged

Cat. No. GJD2-2146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CX36 partial ORF (NP_065711.1, 99 a.a. - 197 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the connexin protein family. Connexins are gap junction proteins which are arranged in groups of 6 around a central pore to form a connexon, a component of the gap junction intercellular channel. The channels formed by this protein allow cationic molecule exchange between human beta cells and may function in the regulation of insulin secretion. [provided by RefSeq, Oct 2012]
Molecular Mass	36.63 kDa
AA Sequence	HQSAKQRERRYSTVFLALDRDPPESIGGPGGTGGGGSGGGKREDKKLQNAIVNGV LQNTENTSKETEPDCLEVKELTPHPSGLRTASKSKLRRQEGISR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name GJD2 gap junction protein, delta 2, 36kDa [Homo sapiens]

Official Symbol GJD2

Synonyms GJD2; gap junction protein, delta 2, 36kDa; gap junction protein, alpha 9, 36kDa , GJA9; gap junction delta-2 protein; connexin 36; CX36; connexin-36; gap junction alpha-9 protein; GJA9; MGC138315; MGC138319;

Gene ID 57369

mRNA Refseq NM_020660

Protein Refseq NP_065711

MIM 607058

UniProt ID Q9UKL4

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