

Recombinant Full Length Human GJA4 Protein

Cat. No. GJA4-191HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein Human Connexin 37 / GJA4 with a N terminal proprietary tag: predicted molecular weight 62.70 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	333 amino acids
Description	This gene encodes 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. Mutations in this gene have been associated with atherosclerosis and a higher risk of myocardial infarction.
Form	Liquid
Molecular Mass	62.700kDa inclusive of tags
AA Sequence	MGDWGFLEKLLDQVQEHSSTVVGKIWLTVLFRILILGLA GESVWGDEQSDFEFCNTA QPGCTNVCYDQAFPIHIRYWVL QFLFVSTPTLVYLGHVIYLSRREERLRQKEGELR ALPAKD PQVERALAAVERQMAKISVAEDGRLRIRGALMGTYVASVL CKSVLEAGFL YGQWRLYGWTMEPVFVCQRAPCPYLVDQV SRPTEKTIFIIFMLVVGLISLVLNLEL VHLLCRCLSRGM RARQQGDAPPTQGTSSDPYTDQVFFYLPVGGQGPSSPPCPT YN GLSSSEQNWANLTTEERLASSRPPLFLDPPPQNGQKPP SRPSSSASKKQYV

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	GJA4 gap junction protein, alpha 4, 37kDa [Homo sapiens]
Official Symbol	GJA4
Synonyms	GJA4; gap junction protein, alpha 4, 37kDa; gap junction protein, alpha 4, 37kD (connexin 37) , gap junction protein, alpha 4, 37kDa (connexin 37); gap junction alpha-4 protein; connexin 37; CX37
Gene ID	2701
mRNA Refseq	NM_002060
Protein Refseq	NP_002051
MIM	121012
UniProt ID	P35212

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