

# Recombinant Full Length Human GJA4 Protein, GST-tagged

Cat. No. GJA4-5291HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GJA4 full-length ORF ( NP_002051.2, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	333 amino acids
<b>Description</b>	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. [provided by RefSeq]
<b>Molecular Mass</b>	63.8 kDa
<b>AA Sequence</b>	MGDWGFLEKLLDQVQEHSTVVGKIWLTVLFI FRILILGLAGESVWGDEQSD FECNTA QPGCTNVCYDQAFPISHIRYWVLQFLVSTPTLVYLGHVYILSRREERLRQKEGELR ALPAKDPQVERALAAVERQMAKISVAEDGRLRIRGALMGTYVASVLCKSVLEAGFLY GQWRLYGWTMEPVFVCQRAPCPYLVD CFVSRPTEKTIFIFMLVVGLISLVNLLELV HLLCRCLSRGMRRARQGQDAPPTQGTSSDPYTDQVFFYLPVGGQPSSPPCPTYNGL SSSEQNWANLTTEERLASSRPPFLDPPPQNGQKPPSRPSSSASKKQYV
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes** Best use within three months from the date of receipt of this protein.

**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** [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; connexin-37;

**Gene ID** [2701](#)

**mRNA Refseq** [NM\\_002060](#)

**Protein Refseq** [NP\\_002051](#)

**MIM** [121012](#)

**UniProt ID** [P35212](#)

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