

Recombinant Human GJA4 Protein, GST-tagged

Cat. No. GJA4-4922H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GJA4 full-length ORF (NP_002051.2, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	63.8 kDa
AA Sequence	MGDWGFLEKLLDQVQEHSTVVGKIWLTVLFIFRILILGLAGESVWGDEQSDFECDNTA QPGCTNVCYDQAFPIHSHIRYWVLQFLFVSTPTLVYLGHVIYLSRREERLRQKEGELR ALPAKDPQVERALAAVERQMAKISVAEDGRLRIRGALMGTYVASVLCKSVLEAGFLY GQWRLYGWTMEPVFVCQRAPCPYLVD CFVSRPTEKTIFIFMLVVGLISLVNLLELV HLLCRCLSRGMRARQGQDAPPTQGTSSDPYTDQVFFYLPVGQGPSSPPCPTYNGL SSSEQNWANLTTEERLASSRPPLFLDPPPQNGQKPPSRPSSSASKKQYV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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

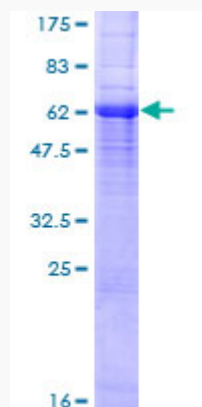
Gene Name	GJA4 gap junction protein, alpha 4, 37kDa [Homo sapiens]
Official Symbol	GJA4
Synonyms	GJA4; gap junction protein, alpha 4, 37kDa; gap junction protein, alpha 4, 37kD (connexin 37), gap junction protein, alpha 4, 37kDa (connexin 37); gap junction alpha-4 protein; connexin 37; CX37; connexin-37;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

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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