

Recombinant Human GJA4 protein, His-tagged

Cat. No. GJA4-6996H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GJA4 aa. (Val79~Ser328 (Accession # P35212)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val79~Ser328
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.7.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

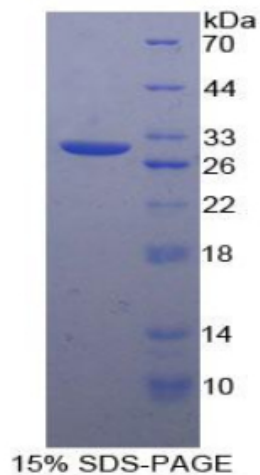
Gene Name	GJA4 gap junction protein alpha 4 [Homo sapiens (human)]
Official Symbol	GJA4
Synonyms	GJA4; gap junction protein alpha 4; CX37; gap junction alpha-4 protein; connexin-37; gap junction protein, alpha 4, 37kDa
Gene ID	2701
mRNA Refseq	NM_002060.2
Protein Refseq	NP_002051.2
UniProt ID	P35212

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SDS-PAGE



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