

Recombinant Full Length Human GJA10 Protein, GST-tagged

Cat. No. GJA10-5290HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GJA10 full-length ORF (NP_115991.1, 1 a.a. - 543 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	543 amino acids
Description	Connexins, such as GJA10, are involved in the formation of gap junctions, intercellular conduits that directly connect the cytoplasm of contacting cells. Each gap junction channel is formed by docking of 2 hemichannels, each of which contains 6 connexin subunits (Sohl et al., 2003 [PubMed 12881038]).[supplied by OMIM]
Molecular Mass	88.3 kDa
AA Sequence	MGDWNLLGGILEEVHSHSTIVGKIWLTLFIFRMLVLRVAAEDVWDDEQSAFACNTR QPGCNNICYDDAFPISLIRFWLQIIFVSSPSLVYMGHALYRLRAFEKDRQRKKSHLR AQMENPDLLEEQQRIDRELRRLEEQKRIHKVPLKGCLLRTYVLHILTRSVLEVGFMI GQYILYGFQMHPYKCTQPPCPNAVDCFVSRPTEKTIFMLFMHSIAAISLLNILEIFHL GIRKIMRTLYKKSSSEGIEDETGPPFHLKKYSVAQQCMICSSLPERISPLQANNQQQV IRVNVPKSKTMWQIPQPRQLEVDPSNGKKDWSEKDQHSQGLHVHSPCPWAGSAG NQHLGQQSDHSSFGLQNTMSQSWLGTTPAPRNCPSFAVGTWEQSQDPEPSGEPL TDLHSHCRDSEGSMRESGVWIDRSRPGSRKASFLSRLSEKRHLHSDSGSSGSRN SSCLDFPHWENSPSPLPSVTGHRTSMVRQAALPIMELSQELFHSGCFLFPFFLPV

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CMYVCVDREADGGGDYLRDKIIHSISVKFNS

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.

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

GJA10 gap junction protein, alpha 10, 62kDa [Homo sapiens]

Official Symbol

GJA10

Synonyms

GJA10; gap junction protein, alpha 10, 62kDa; gap junction alpha-10 protein; connexin 62; CX62; connexin-62; RP11-63K6.6;

Gene ID

84694

mRNA Refseq

NM_032602

Protein Refseq

NP_115991

MIM

611924

UniProt ID

Q969M2

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