

Recombinant Human GJA10 Protein, GST-tagged

Cat. No. GJA10-4921H **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	Wheat Germ
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 QPGCNNICYDDAFPISLIRFWVLQIIFVSSPSLVYMGHALYRLRAFEKDRQRKKSHLR AQMENPDLDLEEQQRIDRELRRLEEQKRIHKVPLKGCLLRITYVLHILTRSVLEVGFMI GQYILYGFQMHPLYKCTQPPCPNAVDCFVSRPTEKTIFMLFMHSIAAISLLNILEIFHL GIRKIMRTLYKKSSSEGIEDETGPPFHLKKYSVAQQCMICSSLPERISPLQANNQQQV IRVNVPKSKTMWQIPQPRQLEVDPSNGKKDWSEKDQHSGQLHVHSPCPWAGSAG NQHLGQQSDHSSFGLQNTMSQSWLGTTPAPRNCPSFAVGTWEQSQDPEPSGEPL TDLHSHCRDSEGSMRESGVWIDRSRPGSRKASFLSRLSEKRHLHSDSGSSGSRN SSCLDFPHWENSPSPSVTGHRTSMVRQAALPIMELSQELFHSGCFLFPFFLPV CMYVCVDREADGGGDYLRDKIIHSIHSVKNFS

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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

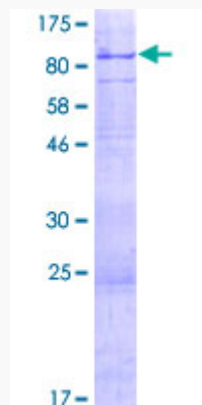
Gene Name	GJA10 gap junction protein, alpha 10, 62kDa [Homo sapiens]
Official Symbol	GJA10
Synonyms	GJA10; gap junction protein, alpha 10, 62kDa; gap junction alpha-10 protein; connexin 62; CX62; connexin-62; RP11-63K6.6;
Gene ID	84694
mRNA Refseq	NM_032602
Protein Refseq	NP_115991
MIM	611924
UniProt ID	Q969M2

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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