

# Recombinant Full Length Human GJB5 Protein, GST-tagged

Cat. No. GJB5-5297HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GJB5 full-length ORF ( AAH04379, 1 a.a. - 273 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	273 amino acids
<b>Description</b>	Gap junctions are conduits that allow the direct cell-to-cell passage of small cytoplasmic molecules, including ions, metabolic intermediates, and second messengers, and thereby mediate intercellular metabolic and electrical communication. Gap junction channels consist of connexin protein subunits, which are encoded by a multigene family.[supplied by OMIM
<b>Molecular Mass</b>	55.77 kDa
<b>AA Sequence</b>	MNWSIFEGLLSGVNKYSTAFGRIWLSLVFIFRVLVYLVTAERVWSDDHKDFDCNTRQ PGCSNVCDFDEFFPVSHVRLWALQLILVTCPSLLVVMHVAYREVQEKRHREAHGENS GRLYLNP GK KRGGLWWTYVCSLVFKASVDIAFLYVFHSFYPKYILPPVVKCHADPCP NIVDCFISKPSEKNIFTLFMVATAAICILLNLVELIYLVSKRCHECLAARKAQAMCTGHH PHGTTSSCKQDDLLSGDLIFLGSDSHPPLL PDRPRDHVKKTIL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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

	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GJB5 gap junction protein, beta 5, 31.1kDa [ Homo sapiens ]
<b>Official Symbol</b>	GJB5
<b>Synonyms</b>	GJB5; gap junction protein, beta 5, 31.1kDa; gap junction protein, beta 5, gap junction protein, beta 5 (connexin 31.1); gap junction beta-5 protein; connexin 31.1; CX31.1; connexin-31.1; gap junction protein, beta 5 (connexin 31.1);
<b>Gene ID</b>	2709
<b>mRNA Refseq</b>	NM_005268
<b>Protein Refseq</b>	NP_005259
<b>MIM</b>	604493
<b>UniProt ID</b>	O95377

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