

Recombinant Full Length Human GJB3 Protein, GST-tagged

Cat. No. GJB3-5295HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GJB3 full-length ORF (AAH12918.1, 1 a.a. - 270 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	270 amino acids
Description	This gene is 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 can cause non-syndromic deafness or erythrokeratoderma variabilis, a skin disorder. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]
Molecular Mass	55.44 kDa
AA Sequence	MDWKTQLQALLSGVNKYSTAFGRWLVSFVFRVLVYVVAERVWGDEQKDFDCNT KQPGCTNVCYDNYFPISNIRLWALQLIFVTCPSSLVILHVAYREERERRHRQKHGDQ CAKLYDNAGKKKHGGLWWTYLFSLIFKLIIEFLFLYLLHTLWHGFNMPRLVQCANVAP CPNIVDCYIARPTEKKIFTYFMVGASAVCIVLTICELCYLICHVRLRGLHKDKPRGGCS PSSASRASTCRCHHKLVEAGEVDPDPGNNKLQASAPNLTPI
Applications	Enzyme-linked Immunoabsorbent Assay

 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

	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	GJB3 gap junction protein, beta 3, 31kDa [Homo sapiens]
Official Symbol	GJB3
Synonyms	GJB3; gap junction protein, beta 3, 31kDa; DFNA2, EKV, erythrokeratoderma variabilis, gap junction protein, beta 3, 31kD (connexin 31), gap junction protein, beta 3, 31kDa (connexin 31); gap junction beta-3 protein; connexin 31; CX31; connexin-31; EKV; DFNA2; DFNA2B; FLJ22486; MGC102938;
Gene ID	2707
mRNA Refseq	NM_001005752
Protein Refseq	NP_001005752
MIM	603324
UniProt ID	O75712

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