Recombinant Full Length Human GJB7 Protein, GST-tagged

Cat. No. GJB7-5298HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GJB7 full-length ORF (NP_940970.1, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	223 amino acids
Description	Connexins, such as GJB7, are involved in the formation of gap junctions, intercellular conduits that directly connect the cytoplasms 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	52.3 kDa
AA Sequence	MSWMFLRDLLSGVNKYSTGTGWIWLAVVFVFRLLVYMVAAEHVWKDEQKEFECNS RQPGCKNVCFDDFFPISQVRLWALQLIMVSTPSLLVVLHVAYHEGREKRHRKKLYVS PGTMDGGLWYAYLISLIVKTGFEIGFLVLFYKLYDGFSVPYLIKCDLKPCPNTVDCFIS KPTEKTIFILFLVITSCLCIVLNFIELSFLVLKCFIKCCLQKYLKKPQVLSV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	GJB7 gap junction protein beta 7 [Homo sapiens (human)]
Official Symbol	GJB7
Synonyms	GJB7; gap junction protein beta 7; gap junction beta-7 protein; connexin-25; gap junction protein, beta 7, 25kDa
Gene ID	375519
mRNA Refseq	NM_198568
Protein Refseq	NP_940970
MIM	611921
UniProt ID	Q6PEY0

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