Recombinant Human GJA5 protein, His-tagged

Cat. No. GJA5-3787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GJA5 protein(233-341 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	233-341 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	KIRQRFVKPRQHMAKCQLSGPSVGIVQSCTPPPDFNQCLENGPGGKFFNPFSNNM ASQQNTDNLVTEQVRGQEQTPGEGFIQVRYGQKPEVPNGVSPGHRLPHGYHSDK
Purity	98%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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	storage.

GENE INFORMATION

Gene Name	GJA5 gap junction protein, alpha 5, 40kDa [Homo sapiens]
Official Symbol	GJA5
Synonyms	GJA5; gap junction protein, alpha 5, 40kDa; gap junction protein, alpha 5, 40kD (connexin 40) , gap junction protein, alpha 5, 40kDa (connexin 40); gap junction alpha-5 protein; connexin 40; CX40; connexin-40; ATFB11; MGC11185;
Gene ID	2702
mRNA Refseq	NM_005266
Protein Refseq	NP_005257
MIM	121013
UniProt ID	P36382

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