

Recombinant Human GJC1 protein, His-tagged

Cat. No. GJC1-13282H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GJC1 protein(248-396 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	248-396 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	WEMLHLGFGTIRDLSLSKRRELEDPGAYNYPFTWNTSPAPPGYNIQVAVKPDQIQYTEL SNAKIAYKQNKANTAQQYGSHEENLPADLEALQREIRMAQERLDLAVQAYSHQN NPHGPREKKAKVGSKAGSNKSTASSKSGDGKNSVWI
Purity	95%, 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 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	GJC1 gap junction protein, gamma 1, 45kDa [Homo sapiens]
Official Symbol	GJC1
Synonyms	GJC1; gap junction protein, gamma 1, 45kDa; gap junction protein, alpha 7, 45kDa , GJA7; gap junction gamma-1 protein; connexin 45; CX45; connexin-45; gap junction alpha-7 protein; GJA7; DKFZp686P0738;
Gene ID	10052
mRNA Refseq	NM_001080383
Protein Refseq	NP_001073852
MIM	608655
UniProt ID	P36383

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