

Recombinant Human GJB6 protein, His-tagged

Cat. No. GJB6-3543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GJB6 protein(182-261 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	182-261 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	ISRPTKTVFTIFMISASVICMLLNVAELCYLLLKVCFRRSKRAQTQKNHPNHALKESK QNEMNELISDSGQNAITGFPS
Purity	90%, 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. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name GJB6 gap junction protein, beta 6, 30kDa [Homo sapiens]

Official Symbol GJB6

Synonyms GJB6; gap junction protein, beta 6, 30kDa; DFNA3, ectodermal dysplasia 2, hidrotic (Clouston syndrome) , ED2, gap junction protein, beta 6 , gap junction protein, beta 6 (connexin 30); gap junction beta-6 protein; connexin 30; CX30; EDH; HED; connexin-30; gap junction protein, beta 6 (connexin 30); ectodermal dysplasia 2, hidrotic (Clouston syndrome); ED2; DFNA3; DFNA3B; DFNB1B;

Gene ID 10804

mRNA Refseq NM_001110219

Protein Refseq NP_001103689

MIM 604418

UniProt ID O95452

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