Recombinant Human GJA5 protein, His-tagged

Cat. No. GJA5-3422H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GJA5 protein(P36382)(227-358aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	227-358aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	21.6 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

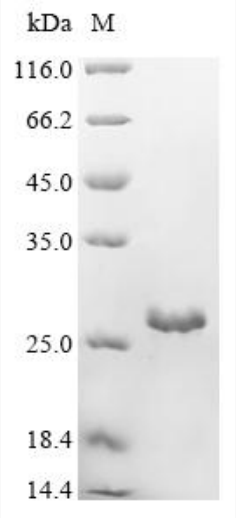
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AA Sequence	YHLGWKKIRQRFVKPRQHMAKCQLSGPSVGIVQSCTPPPDFNQCLENGPGGKFFN PFSNNMASQQNTDNLVTEQVRGQEQTPGEGFIQVRYGQKPEVPNGVSPGHRLPH GYHSDKRRLSKASSKARSDDLSV

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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SDS-PAGE	

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