

Recombinant Human TJP2 protein, His-tagged

Cat. No. TJP2-3246H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TJP2 protein(1-289 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-289 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.
AASequence	MPVRGDRGFPPRRELSGWL RAPGMEELIWEQYTVTLQKDSKRGFGIAVSGGRDNP HFENGETSIVISDVLPGGPADGLLQENDRVVMVNGTPMEDVLHSFAVQQLRKSGKV AAIVVKRPRKVQVAALQASPPLDQDDRAFEVMDEFDGRSFRSGYSERSRLNSHGG RSRSWEDSPERGRPHERARSERDLSDRSRGRSLERGLDQDHARTDRSRGRS LERGLDHDFGPSRDRDRDRSRGRSIDQDYERAYHRAYDPDYERAYSPEYRRGARH DARSRGPRSRSEH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name TJP2 tight junction protein 2 (zona occludens 2) [Homo sapiens]

Official Symbol TJP2

Synonyms TJP2; tight junction protein 2 (zona occludens 2); deafness, autosomal dominant 51 , DFNA51; tight junction protein ZO-2; Friedreich ataxia region gene X104 (tight junction protein ZO 2); X104; ZO 2; ZO2; zonula occludens protein 2; Friedreich ataxia region gene X104 (tight junction protein ZO-2); DFNA51; DUP9q21.11; C9DUPq21.11; MGC26306;

Gene ID 9414

mRNA Refseq NM_001170414

Protein Refseq NP_001163885

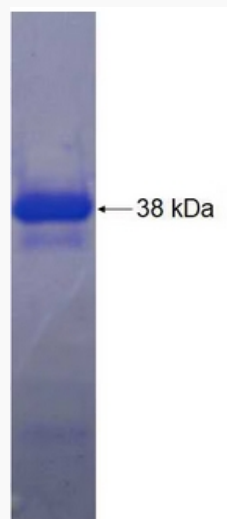
MIM 607709

UniProt ID Q9UDY2

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SDS-PAGE

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