

Recombinant Human TJP3 Protein, MYC/DDK-tagged

Cat. No. TJP3-1112H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TJP3 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the membrane-associated guanylate kinase-like (MAGUK) protein family which is characterized by members having multiple PDZ domains, a single SH3 domain, and a single guanylate kinase-like (GUK)-domain. In addition, members of the zonula occludens protein subfamily have an acidic domain, a basic arginine-rich region, and a proline-rich domain. The protein encoded by this gene plays a role in the linkage between the actin cytoskeleton and tight-junctions and also sequesters cyclin D1 at tight junctions during mitosis. Alternative splicing results in multiple transcript variants encoding distinct isoforms. This gene has a partial pseudogene on chromosome 1. [provided by RefSeq, May 2012].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	104.6 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	TJP3 tight junction protein 3 (zona occludens 3) [Homo sapiens]
Official Symbol	TJP3
Synonyms	ZO-3; ZO3
Gene ID	27134
mRNA Refseq	NM_014428
Protein Refseq	NP_055243
MIM	612689
UniProt ID	O95049

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