

Tight junction protein ZO-1 Recombinant Protein | TJP1 recombinant protein

Recombinant Dog Tight junction protein ZO-1

CATALOG # AAA115923	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Tight junction protein ZO-1; Recombinant Dog Tight junction protein ZO-1; Tight junction protein 1; Zona occludens protein 1; Zonula occludens protein 1; TJP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1633-1769aa; Partial
Sequence	VVATARGVFN NNGGVLSSIE TGVSIIPQG AIPEGVEQEI YFKVCRDNSI LPPLDKEKGE TLLSPLVMCG PHGLKFLKPV ELRLPHCASM TPDGWSFALK SSDSSSGDPK TWQNKCLPGD PNYLVGANCV SVLIDHF
Sequence Length	1769
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TJP1 recombinant protein	The N-terminal may be involved in transducing a signal required for tight junction assembly, while the C-terminal may have specific properties of tight junctions. The alpha domain might be involved in stabilizing junctions. Plays a role in the regulation of cell migration by targeting CDC42BPB to the leading edge of migrating cells.
References	Molecular characterization of the tight junction protein ZO-1 in MDCK cells.Gonzalez-Mariscal L., Islas S., Contreras R.G., Garcia-Villegas M.R., Betanzos A., Vega J., Diaz-Quinonez A., Martin-Orozco N., Ortiz-Navarrete V., Cereijido M., Valdes J.Exp. Cell Res. 248:97-109(1999) The heat-shock protein Apg-2 binds to the tight junction protein ZO-1 and regulates transcriptional activity of ZONAB.Tsapara A., Matter K., Balda M.S.Mol. Biol. Cell 17:1322-1330(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55741803
NCBI GeneID	403752
NCBI Accession #	NP_001003140.1
NCBI GenBank Nucleotide #	NM_001003140.1

UniProt Accession #	O97758
Molecular Weight	18.7 kDa
NCBI Official Full Name	tight junction protein ZO-1
UniProt Protein Name	Tight junction protein ZO-1
UniProt Gene Name	TJP1
UniProt Synonym Gene Names	ZO1
UniProt Entry Name	ZO1_CANLF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tjp1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115923>