

Recombinant Dog Tight junction protein ZO-1(TJP1),partial

Catalog No: #AP70852

Package Size: #AP70852-1 20ug #AP70852-2 100ug #AP70852-3 1mg

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Description

Product Name	Recombinant Dog Tight junction protein ZO-1(TJP1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1633-1769aaSequence Info:Partial
Other Names	Tight junction protein 1Zona occludens protein 1Zonula occludens protein 1
Accession No.	O97758
Calculated MW	18.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VVATARGVFNNNGGVLSSIETGVSIIPQGAIEGVEQEYFKVCRDNSILPPLDKEKGETLLSPLVMCGPHGLKF LKPVELRLPHCASMTPDGWSFALKSSDSSSGDPKTWQNKCLPGDPNYLVGANCVSVLIDHF
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

The N-terminal may be involved in transducing a signal required for tight junction assbly, 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

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) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.