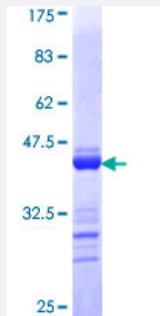


TJP2 (Human) Recombinant Protein (Q01)

Catalog # H00009414-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TJP2 partial ORF (NP_004808, 121 a.a. - 218 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KVQVAALQASPPLDQDDRAFEVMDEFDGRSFRSGYSERSRLNSHGGRSRSWEDSPERGRPHERARSRERDLSRDRSRGRSLERGLDQDHARTRDRSRG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (85); Rat (85)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TJP2

Entrez GeneID	9414
GeneBank Accession#	NM_004817
Protein Accession#	NP_004808
Gene Name	TJP2
Gene Alias	MGC26306, X104, ZO-2, ZO2
Gene Description	tight junction protein 2 (zona occludens 2)
Omim ID	607709 607748
Gene Ontology	Hyperlink
Gene Summary	Tight junction proteins (TJPs) belong to a family of membrane-associated guanylate kinase (MAGUK) homologs that are involved in the organization of epithelial and endothelial intercellular junctions. TJPs bind to the cytoplasmic C termini of junctional transmembrane proteins and link them to the actin cytoskeleton.[supplied by OMIM]
Other Designations	Friedreich ataxia region gene X104 (tight junction protein ZO-2) OTTHUMP00000021431 OTTHUMP00000063359

Pathway

- [Tight junction](#)
- [Vibrio cholerae infection](#)