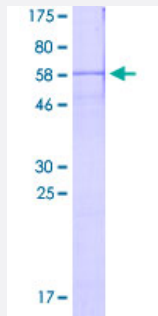


TJP1 (Human) Recombinant Protein (Q01)

Catalog # H00007082-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TJP1 partial ORF (ACE87388.1, 338 a.a. - 638 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	SNGSLRSRDEERISKPGAVSTPVKHADDHTPKTVEEVTVERNEKQTPSLPEPKPVYAQVGQPDV DLPVSPSDGVLPNSTHEDGILRPSMKLVKFRKGDSVGLRLAGGNDVGIFVAGVLEDSPAAKEGL EEGDQILRVNNVDFTNIIREEAVLFLDLPKGEEVTILAQKKKDYYRRIVESDVGDSFYIRTHFEYEK ESPYGLSFNKGEVFRVVDTLNGKLGSWLAIRIGKNHKEVERGIIPNKNRAEQLASVQYTLPKTAG GDRADFWRFRGLRSSKRNLRSREDLSAQPVQTKFPAYE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	58.74
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — TJP1

Entrez GeneID	7082
GeneBank Accession#	EU831947.1
Protein Accession#	ACE87388.1
Gene Name	TJP1
Gene Alias	DKFZp686M05161, MGC133289, ZO-1
Gene Description	tight junction protein 1 (zona occludens 1)
Omim ID	601009
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein located on a cytoplasmic membrane surface of intercellular tight junctions. The encoded protein may be involved in signal transduction at cell-cell junctions. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000174520 tight junction protein 1 tight junction protein ZO-1 zona occludens 1 zonula occludens 1 protein

Pathway

- [Adherens junction](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)

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