



Recombinant Human Tight junction-associated protein 1 (TJAP1)

Product Code	CSB-YP708486HU
Abbreviation	TJAP1
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.
Uniprot No.	Q5JTD0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	TSAAPAKKP YRKAPPEHRE LRLEIPGSRL EQEEPLTDAE RMKLLQEENE ELRRRLASAT RRTEALEREL EIGQDCLELE LGQSREELDK FKDKFRRLQN SYTASQRTNQ ELEDKLHTLA SLSHSWIFAI KKAEMDRKTL DWEIVELTNK LLDAKNTINK LEELNERYRL DCNLAVQLLK CNKSHFRNHK FADLPCELQD MVRKHLHSGQ EAASPGPAPS LAPGAVVPTS VIARVLEKPE SLLLNDAQSG SAGRPLAEDV FVHVDMSEGV PGDPASPPAP GSPTPQPNGE CHSLGTARGS PEEELPLPAF EKLNPYPTPS PPHLYPGRR VIEFSEDKVR IPRNSPLPNC TYATRQAISL SLVEEGSERA RPSPVPSTPA SAQASPHHQP SPAPLTLASAP ASSASSEEDL LVSWQRAFVD RTPPPAAVAQ RTAFGRDALP ELQRHFAHSP ADRDEVVQAP SARPEESELL LPTEPDSGFP REEEELNLPI SPEEERQSLP PINRGTEEGP GTSHTEGRAW PLPSSSRPQR SPKRMGVHHL HRKDSLTLQAQ EQGNLLN
Source	Yeast
Target Names	TJAP1
Protein Names	Recommended name: Tight junction-associated protein 1 Alternative name(s): Protein incorporated later into tight junctions Tight junction protein 4
Expression Region	2-557
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a tight junction-associated protein. Incorporation of the encoded protein into tight junctions occurs at a late stage of formation of the junctions. The encoded protein localizes to the Golgi and may function in vesicle trafficking. Alternatively spliced transcript variants have been described. A related pseudogene exists on the X chromosome.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.