



Recombinant Human Tectonic-1 (TCTN1)

Product Code	CSB-EP642681HU
Abbreviation	TCTN1
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.	Q2MV58
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	QTDATPAV TTEGLNSTEA ALATFGTFPS TRPPGTPRAP GPSSGPRPTP VTDVAVLCVC DLSPAQCDIN CCCDPDCSSV DFSVFSACSV PVVTGDSQFC SQKAVIYSLN FTANPPQRVF ELVDQINPSI FCIHITNYKP ALSFINPEVP DENNFDLMK TSDGFTLNAE SYVSFTTKLD IPTAAKYEYG VPLQTSDFSFL RFPSSLTSSL CTDNNPAAFL VNQAVKCTRK INLEQCEEIE ALSMAFYSSP EILRVPDSRK KVPITVQSIV IQSLNKTLTR REDTDVLQPT LVNAGHFSLC VNVVLEVKYS LTYTDAGEVT KADLSFVLGT VSSVVVPLQQ KFEIHFLQEN TQPVPLSGNP GYVVGLPLAA GFQPHKGSGI IQTTNRYGQL TILHSTTEQD CLALEGVRTP VLFGYTMQSG CKLRLTGALP CQLVAQKVKS LLWGQGFDPY VAPFGNSQAQ DMLDWVPIHF ITQSFNRKDS CQLPGALVIE VKWTKYGSL NPQAKIVNVT ANLISSSFPE ANSGNERTIL ISTAVTFVDV SAPAEAGFRA PPAINARLPF NFFFPFV
Source	E.coli
Target Names	TCTN1
Protein Names	Recommended name: Tectonic-1
Expression Region	23-587
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 member of the tectonic family of secreted and transmembrane proteins. The orthologous gene in mouse is required for formation of most ventral cell types. It functions downstream of smoothed and rab23 to modulate hedgehog signal transduction. Multiple transcript variants encoding different isoforms have been found for this gene.
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.