

## 32-7776: Recombinant Human Secreted and Transmembrane Protein 1/SECTM1/CD7L/K12 (C-6His)

**Gene :** SECTM1  
**Gene ID :** 6398  
**Uniprot ID :** Q8WVN6

### Description

Source: Human Cells.

MW :13.75kD.

Recombinant Human Secreted and Transmembrane Protein 1 is produced by our Mammalian expression system and the target gene encoding Gln29-Gly145 is expressed with a 6His tag at the C-terminus. Secreted and Transmembrane Protein 1 (SECTM1) is a transmembrane and secreted protein that belongs to the SECTM family. SECTM1 is expressed in a perinuclear Golgi-like pattern. It is detected at the highest levels in peripheral blood leukocytes and breast cancer cell lines. SECTM1 is considered to participate in thymocyte signaling and the hematopoietic/immune system processes. It is reported that SECTM1 is a broadly expressed, IFN- gamma -inducible molecule, which functions as a potent costimulatory ligand for T cell activation and is synergistic with anti-CD28.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** QNEGWDSPICTEGVVSVSWGENTVMSCNISNAFHVNIKLAHGGESAIFNEVAPGYFSRDGWQLQVQGGVA  
QLVIKGARDSHAGLYMWHLVGHQRNNRQVTLEVSGAEPQSAPDTGVDHHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.