



Recombinant Protein Technical Manual

Recombinant Human SECTM1 Protein (His Tag)

RPES2175

Product Data:

Product SKU: RPES2175

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q8WVN6

Protein Information:

Molecular Mass: 13.8 kDa

AP Molecular Mass: 19 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Secreted and Transmembrane Protein 1; Protein K2; SECTM1; K12

Immunogen Information:

Sequence: Gln29-Gly145

Background:

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- γ -inducible molecule, which functions as a potent costimulatory ligand for T cell activation and is synergistic with anti-CD28.