



Recombinant Protein Technical Manual  
Recombinant Human FAS/TNFRSF6 Protein (Fc Tag)  
RPES3463

#### Product Data:

**Product SKU:** RPES3463

**Size:** 10µg

**Species:** Human

**Expression host:** Human Cells

**Uniprot:** P25445

#### Protein Information:

**Molecular Mass:** 44.6 kDa

**AP Molecular Mass:** 60 kDa

**Tag:** C-Fc

**Bio-activity:**

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

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

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

**Formulation:** Supplied as a 0.2 µm filtered solution of PBS, pH 7.4.

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

**Application:**

**Synonyms:** Tumor necrosis factor receptor superfamily member 6; Apo antigen; Apoptosis-mediated surface antigen FAS; FASLG receptor; APT1; FAS1; TNFRSF6 and FAS

## Immunogen Information:

**Sequence:** Gln26-Asn173

## Background:

FAS(TNFRSF6) is a receptor and contains three TNFR-Cys repeats and one death domain. It has been shown that FAS is involved in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. FADD (adapter molecule) recruits caspase-8 to the activated receptor, the resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases mediating apoptosis. FAS-mediated apoptosis may play a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both.