



Recombinant Protein Technical Manual
Recombinant Mouse FAS/TNFRSF6 Protein (His Tag)
RPES0611

Product Data:

Product SKU: RPES0611

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: NP_032013.2

Protein Information:

Molecular Mass: 17.4 kDa

AP Molecular Mass: 25-35 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by 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 PBS,pH7.4.

Reconstitution: Please refer to it for detailed information.

Application:

Synonyms: Tumor necrosis factor receptor superfamily member 6; Apo antigen; Apoptosis-mediating surface antigen FAS; FASLG receptor; CD95;Fas;TNFRSF6;APO1;APT1; CD95;lpr;TNFR6

Immunogen Information:

Sequence: Gln22-Arg169

Background:

Mouse Apoptosis-mediating surface antigen FAS (Fas) belongs to the death receptor subfamily of the TNF receptor superfamily and is designated TNFRSF6. Mouse Fas contains 1 death domain and 3 TNFR-Cys repeats. It is detected in various tissues including thymus, liver, lung, heart, and adult ovary. As a receptor for TNFSF6/FASLG, the adapter molecule FADD 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 have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both.