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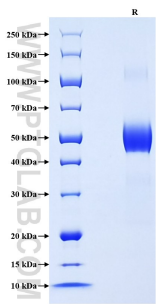
Recombinant Mouse Fas/CD95 protein (rFc Tag)



Catalog Number: Eg1376

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Mouse Fas protein Gln22-Arg169 (Accession# P25446) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 14102</p> <p>Accession: P25446</p> <p>Predicted Molecular Mass: 42.8 kDa</p> <p>SDS-PAGE: 43-60 kDa, reducing (R) conditions</p> <p>Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>Fas (CD95/APO-1) is a transmembrane glycoprotein belonging to the tumor necrosis factor (TNF) receptor superfamily. It can mediate apoptosis by ligation with an agonistic anti-Fas antibody or Fas ligand. Stimulation of Fas results in the aggregation of its intracellular death domains, leading to the formation of the death-inducing signaling complex (DISC). FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both.</p>		
References	<ol style="list-style-type: none">1. Van Parijs, L. et al. (1996). Immunity. 4(3):321-328.2. Peter, M.E. et al. (2003). Cell Death Differ. 10(1):26-35.3. Strasser, A. et al. (2009). Immunity. 30(2):180-192.		
Synonyms	CD95, Fas, APO 1, APT1, TNFR6		

Selected Validation Data



Purity of Recombinant Mouse Fas was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) condition and stained using Coomassie blue.