

For Research Use Only

Recombinant Mouse Fas/TNFRSF6/CD95 protein (mFc Tag)



Catalog Number: Eg1375

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: mFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <1.0 EU/µg protein, LAL method</p> <p>Source: HEK293-derived Mouse Fas/TNFRSF6/CD95 protein Gln22-Arg169 (Accession# P25446) with a mouse IgG Fc tag at the C-terminus.</p> <p>GeneID: 14102</p> <p>Accession: P25446</p> <p>Predicted Molecular Mass: 43.2 kDa</p> <p>SDS-PAGE:</p> <p>Formulation: Lyophilized from sterile 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, also named as CD95, APO-1, APT1, FAS1 and TNFRSF6, is a receptor for TNFSF6/FASLG. It is a cell surface receptor belonging to the TNF receptor superfamily, 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. Hu, Liying et al. Frontiers in cellular and infection microbiology vol. 15 (2025) 1561102.2. Strasser, Andreas et al. Immunity vol. 30,2 (2009): 180-92.3. Dockrell, D H. Clinical microbiology and infection : the official publication of the European Society of Clinical Mic		
Synonyms			
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Selected Validation Data