For Research Use Only

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

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Catalog Number: Eg1375

Basic Information

Species: Mouse

Purity: >90 %, SDS-PAGE

Tag: mFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<1.0 EU/ μ g protein, LAL method

Source:
HEK293-derived Mouse Fas/TNFRSF6/CD95 protein Gln22-Arg169 (Accession# P25446) with a mouse IgG Fc tag at the C-terminus.

GeneID:
14102

Accession:
P25446

Predicted Molecular Mass:
43.2 kDa

SDS-PAGE:

Formulation:
Lyophilized from sterile PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:
It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20℃ to -80℃ as lyophilized proteins.
- 3 months, -20℃ to -80℃ under sterile conditions after reconstitution.

Shipping:
The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

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.

References

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

Selected Validation Data