

Recombinant Mouse FAS/TNFRSF6 Protein (His Tag)

Catalog Number:PKSM041245



Note: Centrifuge before opening to ensure complete recovery of vial contents.

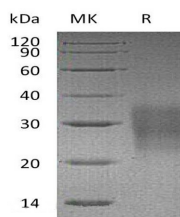
Description

Synonyms	Tumor necrosis factor receptor superfamily member 6;Apo-1 antigen;Apoptosis-mediating surface antigen FAS;FASLG receptor;CD95;Fas;TNFRSF6;APO1;APT1;CD95;lpr;TNFR6
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Gln22-Arg169
Accession	P25446
Calculated Molecular Weight	17.4 kDa
Observed molecular weight	25-35 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



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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 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-

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cells, or both.

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