

## Product datasheet for **TP727536**

### Fas Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Fas/TNFRSF6/CD95 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln22-Arg169
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Apoptosis-mediating Surface Antigen FAS is produced by our Mammalian expression system and the target gene encoding Gln22-Arg169 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	14102
UniProt ID:	<a href="#">P25446</a>
Summary:	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-cells, or both.



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