

# Recombinant Human FAS

Catalog No: #GP10076



Package Size: #GP10076-1 100ug

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## Description

Product Name	Recombinant Human FAS
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 156-335 amino acids of human Fas (TNF receptor superfamily, member 6)
Target Name	Fas cell surface death receptor
Other Names	APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6
Accession No.	Swissprot:P25445Gene Accession:BC012479
Uniprot	P25445
GenID	355;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. Several alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated mRNA decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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