Recombinant Human CD-95, His Tag

Cat. No. CDA074P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant FAS antigen/ CD95 purified from E. coli is a single non-glycosilated polypeptide chain containing amino acids 157-320 of Fas antigen (base pairs 713-1190 of cDNA sequence). The recombinant CD95 is fused to C-terminal 6-histidine amino acids. The FAS antigen is purified by proprietary chromatographic techniques.
Species	Human
Source	E.coli
ProteinLength	157-320 a.a.
Description	FAS/CD95 is a 36kDa transmembrane type I receptor, which belongs to the NF/NGF receptor super-family. It is a potent inducer of apoptosis in cells of the immune system upon interaction with its natural ligand, CD95L. Although the CD95/CD95L system could play a role in tumor regression, tumor cells seem to down-regulate CD95 expression as a mechanism of resistance to CD95L-induced killing by T lymphocytes and NK cells. The Fas antigen is expressed on the surface of various cell types, including activated T and B lymphocytes and T lymphoblastoid cell line. CD95 is also expressed in a broad panel of non-transformed cells outside the immune system.
Physical Appearance	Sterile liquid formulation.
Purity	Greater than 95% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Formulation	8M urea, 20mM Tris-HCl, pH-8.0, 0.2M Imidazole, 0.01M β-ME.
Storage	CD95 although stable at 10°C for 5 days, should be stored desiccated below -18°C. Please prevent freeze-thaw cycles.

GENE INFORMATION

Synonyms	CD95; CD-95; Tumor necrosis factor receptor superfamily member 6; FASLG receptor; Apoptosis-mediating surface antigen FAS; Apo-1 antigen; CD95 antigen; FAS; APT1; FAS1; TNFRSF6; APO-1; FASTM; ALPS1A; CD95; Fas (TNF receptor superfamily, member 6); tumor necrosis factor receptor superfamily, member 6; Fas AMA; Fas antigen; OTTHUMP00000020045; OTTHUMP00000020046; OTTHUMP00000020051; OTTHUMP00000059646; apoptosis antigen 1; APO-1 cell surface antigen; tumor necrosis factor receptor superfamily member 6; FAIM2; LFG; NMP35; Apoptosis-mediating surface antigen FAS; FASLG receptor; Fas (TNF receptor superfamily, member 6).

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