

32-3483: CD95 His Recombinant Protein

Alternative Name : 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.

Description

Source : Escherichia Coli. Recombinant FAS antigen/ CD95 purified from E. coli is a single non-glycosylated 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. 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.

Product Info

Amount : 20 µg
Purification : Greater than 95% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content : 8M urea, 20mM Tris-HCl, pH-8.0, 0.2M Imidazole, 0.01M b-ME.
Storage condition : CD95 although stable at 10°C for 5 days, should be stored below -18°C. Please prevent freeze-thaw cycles.