

Human FAS Recombinant Protein



RPPB0194

Product Information Protein Information

Product SKU:

RPPB0194

Accession:

P25445

Host:

Escherichia Coli.

Protein description:

sFas Receptor Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 157 amino acids and having a molecular mass of 17.6kDa. The FAS is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Tumor necrosis factor receptor superfamily member 6, Apo-1 antigen, Apoptosis-mediating surface antigen FAS, FASLG receptor, CD95, FAS, APT1, FAS1, APO-1, FASTM, ALPS1A, TNFRSF6.

Formulation:

FAS protein was lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized FAS in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized FAS although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FAS should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

MRLSSKSVNA QVTDINSKGL ELRKTVTVE TQNLEGLHHD GQFCHKPCPP GERKARDCTV NGDEPDCVPC
QEGKEYTDKA HFSSKRRRCR LCDEGHGLEV EINCTRQTNT KCRCKPNFFC NSTVCEHCDP CTKCEHGIK
ECTLTSNTKC KEEGRS.

Biological Activity:

The ED₅₀ was determined by its ability to inhibit the cytotoxicity of Jurkat cells is between 10-15 µg/ml in the presence of 2ng/ml of hFasL.