

32-8211: Recombinant Human Death Receptor 6/DR6/TNFRSF21/CD358 (C-Fc)

Gene : TNFRSF21

Gene ID : 27242

Uniprot ID : O75509

Description

Source: Human Cells.

MW :61.7kD.

Recombinant Human Death Receptor 6 is produced by our Mammalian expression system and the target gene encoding Gln42-Leu350 is expressed with a Fc tag at the C-terminus. Tumor Necrosis Factor Receptor Superfamily Member 21 (TNFRSF21) is a type I transmembrane receptor that includes four extracellular cysteine-rich motifs and a cytoplasmic death domain. DR6 is highly expressed in heart, brain, placenta, pancreas, lymph node, thymus and prostate. DR6 may activate NF-kappa-B and JNK to promote apoptosis and T-cell differentiation. In addition, DR6 binds with N-APP, which is released by the deprivation of Trophic-factor. It triggers caspase activation and degeneration of both neuronal cell bodies (via caspase-3) and axons (via caspase-6). DR6 is also expressed on the tumor cell lines and can be induced by TNF- α .

Product Info

Amount : 10 μ g / 50 μ g

Content : Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : QPEQKASNLIGTYRHVDRATGQVLTCDKCPAGTYVSEHCTNTSLRVCSSCPVGTFFTRHENGIEKCHDCSQPCP
WPMIEKLPAAALTDRECTCPPGMFQSNATCAPHTVCPVGGVVRKKGTEEDVRCKQCARGTFSDVPSSVMKC
KAYTDCLSQLLVVIKPGTKETDNVCGTLPFSSTSPSPGTAIFPRPEHMETHEVPSSTYVPGMNSTESNSSAS
VRPKVLSSIQEGTVPDNTSSARGKEDVNKTLPNLQVNHQQGPHHRHILKLLPSMEATGGEKSSTPIKGPGRGH
PRQNLHKHFDINEHLVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDV
SHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTKSKA
KGQPREPVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVD
KSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.