

RP00600

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Recombinant Mouse TNFRSF21/DR6 Protein

Catalog No.: RP00600

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	94185	Q9EPU5

Tags

C-Fc & 6×His

Synonyms

Tumor necrosis factor receptor superfamily member 21;Death receptor 6;Tnfrsf21;CD358;BM-018;DR6

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μM filtered solution of PBS pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in 1X PBS.

Background

Tumor necrosis factor receptor superfamily member 21(DR6) is a single-pass type I membrane protein and contains 1 death domain and 4 TNFR-Cys repeats. The protein may activate NF-kappa-B and promote apoptosis and it may activate JNK and be involved in T-cell differentiation. It is required for both normal cell body death and axonal pruning. Trophic-factor deprivation triggers the cleavage of surface APP by beta-secretase to release sAPP-beta which is further cleaved to release an N-terminal fragment of APP (N-APP). N-APP binds TNFRSF21 triggering caspase activation and degeneration of both neuronal cell bodies (via caspase-3) and axons (via caspase-6).

Basic Information

Description

Recombinant Mouse TNFRSF21/DR6 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Gln42-His349) of mouse TNFRSF21/DR6 (Accession #Q9EPU5) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com