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Datasheet for ABIN1691790

TNFRSF21 Protein (AA 42-349) (Fc Tag,His tag)

Overview

Quantity:	50 µg
Target:	TNFRSF21
Protein Characteristics:	AA 42-349
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF21 protein is labelled with Fc Tag,His tag.

Product Details

Purpose:	Recombinant Mouse Death Receptor 6/DR6/TNFRSF21/CD358 (C-Fc-6His)
Sequence:	QPEQKTLSLP GTYRHVDRTT GQLTCDKCP AGTYVSEHCT NMSLRVCSSC PAGTFTRHEN GIERCHDCSQ PCPWPMIERL PCAALTDREC ICPPGMYQSN GTCAPHTVCP VGWGVRRKKG ENEDVRCKQC ARGTFSDVPS SVMKCKAHTD CLGQNLEVVK PGTKETDNVC GMRLFFSSTN PPSSGTVTFS HPEHMESHV PSSTYEPQGM NSTDSNSTAS VRTKVPSTGIE EGTVPDNTSS TSGKEGTNRT LPNPPQVTHQ QAPHHRHILK LLPSSMEATG EKSSTAIKAP KRGHPRQNAH KHFDINEHVD DIEGRMDEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSREEM TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFCSSVM HEALTHHNYTQ KSLSLSPGKH HHHHH
Characteristics:	Recombinant Mouse Death Receptor 6/DR6/TNFRSF21/CD358 (C-Fc-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	TNFRSF21
Alternative Name:	Tumor Necrosis Factor Receptor Superfamily Member 21/DR6/TNFRSF21 (TNFRSF21 Products)
Background:	<p>Recombinant Mouse Tumor necrosis factor receptor superfamily member 21/DR6/TNFRSF21 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln42-His349) of Mouse TNFRSF21 fused with a FC-6His tag at the C-terminus.</p> <p>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-κB 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 β-secretase to release sAPP-β 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).</p>
Molecular Weight:	64.7 kDa
UniProt:	Q9EPU5
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Handling

Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	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.