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Recombinant Human DR6/TNFRSF21 Protein (Fc Tag)

Catalog No. PKSH032346

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Tumor Necrosis Factor Receptor Superfamily Member 21;Death Receptor

6;CD358;TNFRSF21;DR6

Species Human

Expression Host HEK293 Cells
Sequence Gln42-Leu350
Accession O75509
Calculated Molecular Weight 61.7 kDa
Observed molecular weight 80-90 kDa

Bioactivity Not validated for activity

Properties

Tag

Purity > 95 % as determined by reducing SDS-PAGE.

C-Fc

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

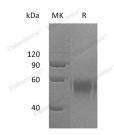
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Tumor Necrosis Factor Receptor Superfamily Member 21 (TNFRSF21) is a type I transmembrane receptor that includes

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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 .

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