Recombinant Human DR6/TNFRSF21 Protein (His Tag)

RPES8341

Product Information

Product SKU:	RPES8341	**Expression Host**:	Mammalian	**Size**:	20µg
Tag:	C-His	**Reactivity**:	Human	**Accession**:	O75509

Additional Information

Calculated MW:	33.8 kDa	**Observed MW:**	60 kDa
Sequence:	Gln42-His349		

Protein Information

Background: TNFRSF21 (death receptor-6 , DR6) is an orphan TNF receptor superfamily member and belongs to a subgroup of receptors called death receptors. This type I transmembrane receptor possesses four extracellular cysteine-rich motifs and a cytoplasmic death domain. DR6 is an extensively posttranslationally modified transmembrane protein and that N-and O-glycosylations of amino acids in its extracellular part. DR6 interacts with the adaptor protein TRADD and mediates signal transduction through its death domain , and expression of DR6 in mammalian cells induces activation of both NF-kappaB and JNK and cell apoptosis. DR6 knockout mice have enhanced CD4+ T cell proliferation and Th2 cytokine production , suggested that DR6 serves as an important regulatory molecule in T-helper cell activation , and is involved in inflammation and immune regulation. DR6 is expressed ubiquitously with high expression in lymphoid organs , heart , brain and pancreas. Some tumor cells overexpress DR6 , typically in conjunction with elevated anti-apoptosis molecules. DR6 may also be involved in tumor cell survival and immune evasion , which is subject to future investigations.

Synonyms: UNQ, PRO, Death Receptor, Tumor Necrosis Factor Receptor Superfamily Member, TNFRSF, CD358, Death Receptor 6, Tumor Necrosis Factor Receptor Superfamily Member 21, DR6, TNFRSF21, UNQ437, PRO868, DR6, AA959878 Protein, BM 018, BM018, DR 6, DR6 Protein, MGC31965, OTTHUMP00000039915, R74815 Protein,

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	TNFR related death receptor 6, TNFRSF 21, TNFRSF21 protein, TNR21, TR7 Protein, Tumor necrosis factor receptor superfamily member 21 precursor
Endotoxin:	< 1.0 EU/mg of the protein as determined by the LAL method
Formulation:	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Purity:	> 90% as determined by reducing SDS-PAGE.
Bio-Activity:	Not validated for activity
Storage:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.

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