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Datasheet for ABIN7198468

TNFRSF19 Protein (His tag,Fc Tag)

Overview

Quantity:	100 µg
Target:	TNFRSF19
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF19 protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Mouse TNFRSF19/TROY Protein (His & Fc Tag)
Sequence:	Met 1-Leu 170
Characteristics:	A DNA sequence encoding the extracellular domain of mouse TNFRSF19 (NP_001157627.1) (Met 1-Leu 170) was fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	TNFRSF19
Alternative Name:	TNFRSF19/TROY (TNFRSF19 Products)
Background:	Background: Tumor necrosis factor receptor superfamily, member 19 (TNFRSF19), also known as TAJ-alpha or TROY, is a member of the TNF-receptor superfamily. TNFRSF19/TROY

Target Details

expression is detected in the pulmonary epithelium and the ductal epithelium of the prostate and parotid glands. TNFRSF19/TROY expression is detected in some adenocarcinoma cell lines that arise from this tissue. It has been shown to interact with TRAF family members, and to activate JNK signaling pathway when overexpressed in cells. TNFRSF19/TROY is capable of inducing apoptosis by a caspase-independent mechanism, and it is thought to play an essential role in embryonic development. TNFRSF19/TROY was negatively regulated by adipogenic transcription factor CCAAT/enhancer-binding proteins (C/EBP). TNFRSF19 signals activation of the Jnk pathway and induces cell death. Overexpression of TNFRSF19 also signals NFB activation, comparable and similar to that by p75NGFR. TNFRSF19/TROY is capable of activating key signaling pathways of the TNF receptor family, and its predominant expression patterns suggest that it plays a role in the growth and regulation of epithelial tissues.

Synonym: AL023044,AW123854,TAJ,TAJ-ALPHA,TRADE,Troy

Molecular Weight:	43.7 kDa
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NCBI Accession:	NP_001157627
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	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.
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