

## Recombinant Human TNFRSF19, Fc Chimera

**Cat. No.** TNFRSF19-2435H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant cysteine-rich domain of human Troy (TAJ) (aa 1-168) produced in <i>HEK 293 cells</i> fused to the Fc portion of human IgG1. 48kDa (under reducing conditions).
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Protein Length</b>	1-168 a.a.
<b>Description</b>	Troy, or TAJ, is a member of the tumor necrosis factor receptor (TNFR) family. Troy plays a role in axonal regeneration by forming a functional receptor complex with Nog-66 receptor 1 and LINGO-1. This receptor complex binds myelin inhibitors (Nogo-A, myelin-associated glycoprotein (MAG), oligodendrocyte myelin glycoprotein (OMgp) and signals myelin inhibition by activating RhoA. Troy also interacts with TRAF proteins and activates JNK.
<b>Source/Host</b>	HEK 293 cells.
<b>Concentration</b>	1mg/ml after reconstitution.
<b>Purity</b>	≥90% (SDS-PAGE).
<b>Endotoxin Content</b>	<0.1EU/g purified protein (LAL test; Bio Whittaker).
<b>Reconstitution</b>	Reconstitute in 50µl sterile water. Further dilutions should be made with medium

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	containing 5% fetal calf serum.
<b>Formulation</b>	Lyophilized. Contains PBS.
<b>Long Term Storage</b>	-20°C.
<b>Use/Stability</b>	Stable for at least 6 months after receipt when stored at -20°C. Once reconstituted, it is recommended to prepare appropriate aliquots and to store them at -20°C.
<b>Handling</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF19 tumor necrosis factor receptor superfamily, member 19 [ Homo sapiens ]
<b>Synonyms</b>	tumor necrosis factor receptor superfamily, member 19; TAJ; TROY; TRADE; TAJ-alpha; TNFRSF19; tumor necrosis factor receptor superfamily member 19; toxicity and JNK inducer; Toxicity and JNK inducer; OTTHUMP00000018114
<b>Gene ID</b>	<a href="#">55504</a>
<b>mRNA Refseq</b>	<a href="#">NM_018647</a>
<b>Protein Refseq</b>	<a href="#">NP_061117</a>
<b>MIM</b>	<a href="#">606122</a>
<b>UniProt ID</b>	<a href="#">Q9NS68</a>
<b>Chromosome Location</b>	13q12.11-q12.3

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<b>Pathway</b>	Cytokine-cytokine receptor interaction
<b>Function</b>	protein binding; receptor activity; tumor necrosis factor receptor activity

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