

Recombinant Human TNFRSF19, Fc Chimera

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

SPECIFICATION

Product Overview	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).
Species	Human
Source	Human Cells
Protein Length	1-168 a.a.
Description	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.
Source/Host	HEK 293 cells.
Concentration	1mg/ml after reconstitution.
Purity	≥90% (SDS-PAGE).
Endotoxin Content	<0.1EU/g purified protein (LAL test; Bio Whittaker).
Reconstitution	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  Fax: 1-631-938-8127

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

	containing 5% fetal calf serum.
Formulation	Lyophilized. Contains PBS.
Long Term Storage	-20°C.
Use/Stability	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.
Handling	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	TNFRSF19 tumor necrosis factor receptor superfamily, member 19 [Homo sapiens]
Synonyms	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
Gene ID	55504
mRNA Refseq	NM_018647
Protein Refseq	NP_061117
MIM	606122
UniProt ID	Q9NS68
Chromosome Location	13q12.11-q12.3

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Pathway	Cytokine-cytokine receptor interaction
Function	protein binding; receptor activity; tumor necrosis factor receptor activity