

Active Recombinant Mouse Tnfrsf22, Fc-tagged

Cat. No. Tnfrsf22-212M Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse dcTRAIL-R2 (aa 41-171) is fused to the Fc portion of human IgG1.
Species	Mouse
Source	HEK293
ProteinLength	41-171 a.a.
Description	dcTRAIL-R2 is a decoy receptor for the cytotoxic ligand mouse TRAIL. dcTRAIL-R2 binds to mouse and human TRAIL, but is unable of transmitting a signal. The extracellular domains of dcTRAIL-R2 compete with those of death receptor 5 (DR5) for ligand binding and act as decoys that prevent TRAIL from inducing apoptosis through DR5.
Form	Lyophilized. Contains PBS.
Bio-activity	Blocks human or mouse TRAIL activity. By ELISA, using dcTRAIL-R2 (mouse):Fc (human) (1 µg/ml), 50% of the maximal binding of human and mouse TRAIL is observed at about 20-50 ng/ml.
Molecular Mass	~50kDa (SDS-PAGE)
Purity	≥95% (SDS-PAGE)

 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

Stability	Stable for at least 6 months after receipt when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. PBS containing at least 0.1% BSA should be used for further dilutions.
Concentration	1mg/ml after reconstitution.
GENE INFORMATION	
Gene Name	Tnfrsf22 tumor necrosis factor receptor superfamily, member 22 [Mus musculus]
Official Symbol	Tnfrsf22
Synonyms	TNFRSF22; tumor necrosis factor receptor superfamily, member 22; tumor necrosis factor receptor superfamily member 22; TNF receptor homolog 2; decoy TRAIL receptor 2; TNF receptor family member SOBa; tumor necrosis factor receptor p60 homolog 2; tumor necrosis factor receptor superfamily, member 1a-like 2; SOBa; Tnfrh2; Tnfrsf1a2; mDcTrailr2; 2810028K06Rik; C130035G06Rik;
Gene ID	79202
mRNA Refseq	NM_023680
Protein Refseq	NP_076169
Function	TRAIL binding; binding; protein binding; receptor activity;

 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