

Recombinant Mouse Tnfrsf22, Fc Chimera

Cat. No. Tnfrsf22-2112M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfrsf22 was produced in HEK 293 cells. The extracellular domain of mouse DcTRAIL-R2 (aa 1-170), of the long splice variant of mouse DcTRAIL-R2, is fused to the Fc portion of human IgG1. MW = 53kDa (SDS-PAGE).
Species	Mouse
Source	HEK293
Protein Length	1-170 a.a.
Purity	≥90% (SDS-PAGE).
Formulation	Lyophilized. Contains PBS.
Concentration	1mg/ml after reconstitution.
Biological Activity	Inhibits mouse soluble TRAIL-induced apoptosis assessed in human Jurkat T-lymphoma cells and human B cells myeloma (BJAB) in a concentration range of 50-500µg/ml.
Endotoxin Content	Endotoxin content is <0.01ng endotoxin/g purified protein as determined by Limulus amoebocyte lysate (LAL) assay (BioWhittaker).
Reconstitution	Reconstitute with 50µl sterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum or other carrier protein.

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Specificity	Binds mouse soluble TRAIL and less potently human soluble TRAIL in an ELISA assay.
Application	Flow Cytometry: Cell surface staining of mouse TRAIL by FC in combination with PAb to human IgG.
Stability	Stable for at least 6 months after receipt when stored at -20°C.
GENE INFORMATION	
Gene Name	Tnfrsf22 tumor necrosis factor receptor superfamily, member 22 [<i>Mus musculus</i>]
Synonyms	Tnfrsf22; tumor necrosis factor receptor superfamily, member 22; SOBa; Tnfrh2; Tnfrsf1a12; mDcTrailr2; 2810028K06Rik; C130035G06Rik; 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
Gene ID	79202
mRNA Refseq	NM_023680
Protein Refseq	NP_076169
UniProt ID	Q9ER62
Chromosome Location	7 F5; 7 69.57 cM
Function	TRAIL binding; protein binding; receptor activity