

Recombinant Mouse Tnfrsf23, Fc Chimera

Cat. No. Tnfrsf23-2111M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfrsf23 was produced in HEK 293 cells. The extracellular domain of mouse DcTRAIL-R1 (aa 1-160) is fused to the Fc portion of human IgG1. MW = ~52kDa (SDS-PAGE).
Species	Mouse
Source	HEK293
Protein Length	1-160 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 500-1'000ng/ml.
Endotoxin Content	<0.1EU/g purified protein (LAL test; Bio Whittaker).
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	rmDcTRAIL-R1:Fc binds mouse soluble TRAIL in an ELISA assay. Does not bind human soluble TRAIL.
Application	Cell surface staining of mouse TRAIL by flow cytometry 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	Tnfrsf23 tumor necrosis factor receptor superfamily, member 23 [<i>Mus musculus</i>]
Synonyms	Tnfrsf23; tumor necrosis factor receptor superfamily, member 23; mSOB; Tnfrh1; Dctrailr1; MGC123882; MGC123883; Tnfrsf1a1; mDcTrailr1; tumor necrosis factor receptor superfamily member 23; OTTMUSP00000028319; TNF receptor homolog 1; decoy TRAIL receptor 1; TNF receptor family member SOB; tumor necrosis factor receptor p60 homolog 1; tumor necrosis factor receptor superfamily, member 1a-like 1
Gene ID	79201
mRNA Refseq	NM_024290
Protein Refseq	NP_077252
UniProt ID	Q9ER63
Chromosome Location	7 F5; 7 69.56 cM
Function	protein binding; receptor activity

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