

## Recombinant Mouse Tnfrsf22, Fc Chimera

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

### SPECIFICATION

|                            |                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | 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). |
| <b>Species</b>             | Mouse                                                                                                                                                                                                                               |
| <b>Source</b>              | HEK293                                                                                                                                                                                                                              |
| <b>Protein Length</b>      | 1-170 a.a.                                                                                                                                                                                                                          |
| <b>Purity</b>              | ≥90% (SDS-PAGE).                                                                                                                                                                                                                    |
| <b>Formulation</b>         | Lyophilized. Contains PBS.                                                                                                                                                                                                          |
| <b>Concentration</b>       | 1mg/ml after reconstitution.                                                                                                                                                                                                        |
| <b>Biological Activity</b> | 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.                                                                  |
| <b>Endotoxin Content</b>   | Endotoxin content is <0.01ng endotoxin/g purified protein as determined by Limulus amoebocyte lysate (LAL) assay (BioWhittaker).                                                                                                    |
| <b>Reconstitution</b>      | Reconstitute with 50µl sterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum or other carrier protein.                                                                               |

 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

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