

## PERFORMANCE DATA SHEET

1819

### Human DR3-muIg *Fusion Protein*\*

For maximal recovery of contents  
please quick spin vial before opening

**CATALOG#:** 528-820

**QUANTITY:** 25 µg

**CONCENTRATION:** 0.5 mg/ml

**Molecular Structure:** A soluble dimeric fusion protein consisting of the extracellular (150aa) domain of human DR3 fused to murine IgG2a Fc (233aa). Predicted non glycosylated monomeric molecular weight is 42.9 kd.  
N-terminal sequence: (27) GTRSP

**Transfectant Cell Line:** CHO

**INFORMATION:** Human DR3 (TRAMP, LARD) was redesignated TNF receptor superfamily member 25. TL1A is a ligand which can induce apoptosis through a cytoplasmic death domain similar to the CD178-CD95 (FasL-Fas) interaction. Alternatively, engagement of DR3 on T cells can synergize with other activating signals to enhance IFN $\gamma$  production.

**REFERENCES:** (1) A Kaptein, et al. (2000) FEBS Lett 485:135. (2) T Migone, et al. (2002) Immunity 16:479. (3) S Targin, et al. (2004) 172: 7002.

**STORAGE CONDITIONS:** *Store at 2 - 5°C. Open under aseptic conditions.* Freeze/Thawing is not recommended.

**PRODUCT STABILITY:** Product should retain activity for at least 6 months after shipping date when stored as recommended. Ship Date: \_\_\_\_\_

**BUFFER:** 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl. Product was 0.1 µm filtered and vialled under aseptic conditions.

**PRODUCTION:** Recombinant protein from (low FBS containing) tissue culture supernatant of transfectants was purified using affinity and size exclusion chromatography.

**PERFORMANCE:** Identity of DR3-muIg was confirmed by n-terminal sequencing: (27)GTRSP. Captured DR3-muIg was detected by anti-DR3/Biotin (catalog #250-030) in EIA.

*\*This Product is intended for Laboratory Research use only.*