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Human CD56_{trn}-muIg Fusion Protein*

CATALOG#: 522-020

QUANTITY: 25 µg

CONCENTRATION: 0.5 mg/ml

Molecular Structure: A soluble molecule consisting of the first 4 Ig-like extracellular domains of human CD56 (370 aa) fused to the murine IgG2a Fc (232 aa). Predicted monomeric weight is 67.8 kd (amino acid composition only).

Transfectant Cell Line: CHO

INFORMATION: Human CD56 is an adhesion molecule from the Ig superfamily which is restricted to NK cells in the immune system. It is believed that NK cells form a first line of defense against tumor cells and cells infected with bacteria and viruses.

References: S.P. Bourne, et al, (1991) J Neuro-Oncol **10**: 111-119. T.L. Whiteside and R.B. Herberman (1994) Clinical & Diagnostic Laboratory Immunology. H. Spits, et al, (1995) Blood **85**: 2654-2670.

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

PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 50 mM Sodium Phosphate pH 7.5, 100 mM Potassium Chloride, 150mM NaCl, 0.5 mg/ml Gentamicin Sulfate (as a preservative).

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

PERFORMANCE: CD56(trn)-muIg fusion protein was reactive in EIA using a Goat-anti-mouse-Ig antibody capture, followed by detection using anti-CD56/Biotin (Cat #308-030) and Streptavidin/HRP. Amino acid sequence of fusion protein was confirmed by n-terminal analysis (LQVDI).

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