PERFORMANCE DATA SHEET
1218

For maximal recovery of contents please quick spin vial before opening

Human $CD56_{trn}$-muIg Fusion Protein*

CATALOG#: 522-820 (Preservative Free)
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^{o}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. Product was sterile filtered and vialed under aseptic conditions.

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.***

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