

Granzyme A from Human, Recombinant (carrier-free)

Cat. No. NATE-1934

Lot. No. (See product label)

Introduction

Description Granzyme A is a serine protease belonging to the granzyme family and is expressed exclusively by cytotoxic T cells (CTL) and NK cells. Most circulating CD56+CD8- NK cells, and approximately half of circulating CD8+ T cells, coexpress both granzymes A and B.

Synonyms Hanukah factor serine protease (HFSP); Cytolytic T cell-and natural killer cell-specific trypsin-like serine protease; Cytotoxic T-lymphocyte-associated serine esterase 3; CTLA3; Granzyme A; Granzyme

Product Information

Species Human

Source 293E cell line

Form 0.22 µm filtered protein solution is in 20 mM Tris, 150 mM NaCl, pH 7.5.

EC Number EC 3.4.21.78

CAS No. 143180-73-8

Molecular Weight 55 kD in non-reducing conditions by SDS-PAGE

Purity >90%, as determined by Coomassie stained SDS-PAGE.

Activity >5,000 pmol/min/µg

Concentration 200 µg/mL

Endotoxin Level Less than 1.0 EU per µg of protein as determine by the LAL method.

Storage and Shipping Information

Storage Unopened vial can be stored at -70°C for six months. For maximum results, quick spin vial prior to opening. Avoid repeated freeze/thaw cycles.