

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.
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