

32-8752: Recombinant Mouse Granzyme D/GZMD (C-6His)(Discontinued)

Gene : Gzmd
Gene ID : 14941
Uniprot ID : P11033

Description

Source: Human Cells.

MW :26.8kD.

Recombinant Mouse Granzyme D is produced by our Mammalian expression system and the target gene encoding Ile21-Leu252 is expressed with a 6His tag at the C-terminus. Granzyme D is a member of the granzyme family of the serine proteases which plays a role in the induction of apoptosis. T cells, lymphohematopoietic stromal cells, and granulated metrial gland cells express granzyme D, but the function of granzyme D is unknown. Previous studies reported that granzyme D is developmentally regulated during pregnancy together with granzymes E, F, and G in granulated metrial gland cells and is upregulated by IL-2 and IL-15. Granzyme D was also suggested to have a role in stromal cell-lymphocyte interactions.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM HEPES, 150mM NaCl, pH7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : IIGGHVVKPHSRPYMAFVMSVDIKGNRIYCGGFLIQDDFVLTAAHCKNSSVQSSMTVTLGAHNITAKEETQQIIP
VAKDIPHPDYNATIFYSDIMLLKLESKAKRTKAVRPLKLPNSARVKPGDVCSVAGWGSRSINDTKASARLREVQ
LVIQEDEECKKRFYYTETTEICAGDLKKIKTPFKGDSGGPLVCDNQAYGLFAYAKNGTISSGIFTKVVFHLPWIS
WNMKLLVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.