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32-7324: Recombinant Human Granzyme A/GZMA (C-6His)(Discontinued)

Gene : GZMA
Gene ID : 3001
Uniprot ID : P12544

Description

Source: Human Cells.
MW :27.11kD.
Recombinant Human Granzyme A is produced by our Mammalian expression system and the target gene encoding Glu27-Val262 is expressed with a 6His tag at the C-terminus. Granzyme A is a member of the Franzyme family. Granzyme A is the most abundant Serine Protease in Cytotoxic T Lymphocytes (CTL) and Natural Killer (NK) cells. Granzyme A has a specifically function in CTL and NK cells. It induces caspase-independent cell death when introduced into target cells by perforin. Human Granzyme A is synthesized as a precursor (262 residues) with a signal peptide (residues 1-26), a propeptide (residues 27-28) and a mature chain (residues 29-262).

Product Info

Amount :	10 μg / 50 μg
Content :	Lyophilized from a 0.2 μm filtered solution of 20mM MES, 150mM NaCl, pH 5.5.
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 :	EKIIGGNEVTPHSRPYMVLLSLDRKTICAGALIAKDWVLTAAHCNLNKRSQVILGAHSITREEPTKQIMLVKKEFP YPCYDPATREGDLKLLQLTEKAKINKYVTILHLPKKGDDVKPGTMCQVAGWGRTHNSASWSDTLREVNITIIDR KVCNDRNHYNFNPVIGMNMVCAGSLRGGRDSCNGDSGSPLLCEGVFRGVTSFGLENKCGDPRGPGVYILLSK KHLNWIIMTIKGAVVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂμg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂμg (1 IEU/ÃÂμg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.