Datasheet for ABIN7320541

Granzyme D Protein (GZMD) (His tag)

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Overview

Quantity:	50 µg
Target:	Granzyme D (GZMD)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Granzyme D protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Granzyme D/GZMD Protein (His Tag)
Sequence:	Ile21-Leu252
Characteristics:	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.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Granzyme D (GZMD)
Alternative Name:	Granzyme D/GZMD (GZMD Products)
Background:	Background: 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.

Target Details

	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. Synonym: Granzyme D, Gzmd
Molecular Weight:	26.8 kDa
UniProt:	P11033

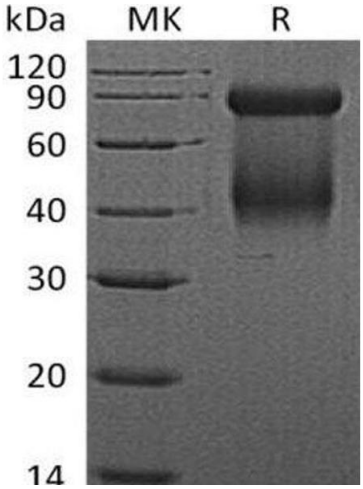
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM HEPES, 150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.