

Recombinant Mouse Granzyme B(G,H)/GZMB Protein (His Tag)

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by Elabscience

Catalog Number:PKSM041035

Note: Centrifuge before opening to ensure complete recovery of vial contents.

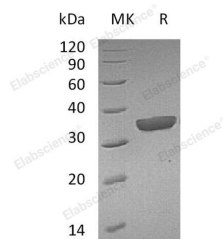
Description

Synonyms	Granzyme B(G,H);CTLA-1;Cytotoxic cell protease 1;CCP1;Fragmentin-2;Gzmb;Ctla-1;Ctla 1
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Gly19-Ser247
Accession	P04187
Calculated Molecular Weight	26.5 kDa
Observed molecular weight	35 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Granzyme B(GZMB) contains 1 peptidase S1 domain and belongs to the peptidase S1 family. This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp and seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. The protein cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

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