

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

Catalog Number: PKSM041035



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

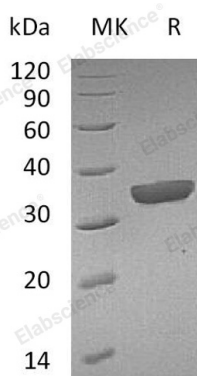
Description

| | |
|---------------------|----------------------------|
| Species | Mouse |
| Mol_Mass | 26.5 kDa |
| Accession | P04187 |
| Bio-activity | Not validated for activity |

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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