

RP00248

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Recombinant Human Chitinase-1/CHIT1 Protein

Catalog No.: RP00248

Recombinant

1 Publications

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	1118	AAI03696.1

Tags

C-His

Synonyms

CHIT1;CHI3;CHIT;CHITD

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 0.01 EU/μg of the protein by LAL method

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Background

Basic Information

Description

Recombinant Human Chitinase-1/CHIT1 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ala22-Asn466) of human CHIT1 (Accession #NP_003456) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its ability to cleave 4-Methylumbelliferyl-beta -D-N,N' ,N" - triacetylchitotriose (4-MU-TACT). The specific activity is >43571 pmol/min/μg.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

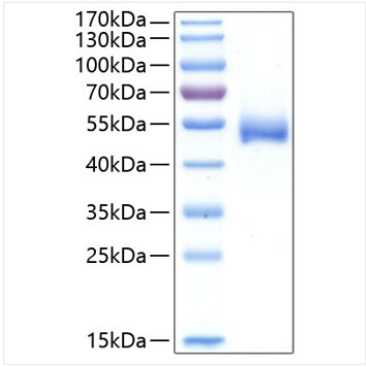
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Contact



www.abclonal.com

Validation Data



Recombinant Human
Chitinase-1/CHIT1 Protein was
determined by SDS-PAGE under
reducing conditions with Coomassie
Blue.