

Recombinant Human CHIT1, His tagged

Cat. No. CHIT1-658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHIT1 (NP_003456.1) precursor (Met 1-Asn 466), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	1-466 a.a.
Form	Lyophilized from sterile 12.5mM Tris, 75mM NaCl, 50% glycerol, pH 7.5
Molecular Mass	The recombinant human CHIT1 consists of 456 amino acids after removal of the signal peptide and has a predicted molecular mass of 50.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CHIT1 is approximately 48 kDa.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



GENE INFORMATION

Gene Name CHIT1 chitinase 1 (chitotriosidase) [Homo sapiens]

Official Symbol CHIT1

Gene ID 1118

mRNA Refseq NM_001256125

Protein Refseq NP_001243054

MIM 600031

UniProt ID Q13231

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