

Recombinant Human GBA3 protein, His-tagged

Cat. No. GBA3-856H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GBA3 protein(NP_066024.1) (Met 1-Leu 469) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-469 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
Bio-activity	Measured by its ability to hydrolyze 4-methylumbelliferyl- β -D glucopyranoside. The specific activity is >1,500 pmoles/min/ μ g.
Molecular Mass	The recombinant human GBA3 consists of 480 amino acids and predicts a molecular mass of 55 kDa. It migrates as an approximately 50 kDa band in SDS-PAGE in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [GBA3 glucosidase, beta, acid 3 \(cytosolic\) \[Homo sapiens \]](#)

Official Symbol [GBA3](#)

Synonyms

GBA3; glucosidase, beta, acid 3 (cytosolic); cytosolic beta-glucosidase; GLUC; klotho related protein; KLRP; klotho-related protein; cytosolic beta-glucosidase-like protein 1; CBGL1; MGC104276; MGC126878;

Gene ID [57733](#)

mRNA Refseq [NM_001128432](#)

Protein Refseq [NP_001121904](#)

MIM [606619](#)

UniProt ID [Q9H227](#)

 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

SDS-PAGE



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