Active Recombinant Human GBA3 protein, His-tagged

Cat. No. GBA3-174H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GBA3 protein(NP_066024.1)(Met1-Leu469), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Leu469
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to hydrolyze 4-methylumbelliferyl-β-D glucopyranoside. The specific activity is >1,500 pmoles/min/μg.
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 μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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

	Store it under sterile conditions at -20°C to -80°C. 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 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