

[Go to Product page](#)

Datasheet for ABIN7454125

**GBA Protein (AA 40-536) (His tag)**

## Overview

Quantity:	100 µg
Target:	GBA
Protein Characteristics:	AA 40-536
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GBA protein is labelled with His tag.

## Product Details

Purpose:	Human GBA/glucocerebrosidase Protein
Sequence:	Ala40-Gln536
Characteristics:	Recombinant Human GBA/glucocerebrosidase Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala40-Gln536.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	GBA
Alternative Name:	GBA ( <a href="#">GBA Products</a> )

## Target Details

Background:	Glucocerebrosidase (GBA) mutations are the most important genetic risk factor for the development of Parkinson disease (PD). GBA encodes the lysosomal enzyme glucocerebrosidase (GCase).
Molecular Weight:	56.69 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">NP_000148</a>
Pathways:	<a href="#">Cellular Glucan Metabolic Process</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months